DRESSER
Wayne Pignone

Global Century

(phase 3)

Spare Parts

Global Century

(phase 3)

WM016047 2006-12-05 Rev.02.2

Product Liability

For the supplier's product liability to be valid, no alterations, additions or the like may be made to the equipment without the supplier's express permission.
Use only genuine parts

Produktansvar

För att en leverantörs produktansvar skall gälla får ändringar, kompletteringar och liknande ej göras i utrustningen utan leverantörens godkännande.
Originalreservdelar skall alltid användas.

Produkthaftung

Damit die Produkthaftung des Lieferanten ihre Gültigkeit behält, dürfen ohne ausdrückliche Genehmigung des Lieferanten keine Änderungen, Ergänzungen o. Ä. an der Ausrüstung vorgenommen werden.
Verwenden Sie nur Originalteile.

Ответственность поставщика

Для сохранения ответственности нельзя вводить в оборудование изменения, дополнения и т.п. без разрешения поставщика.
Пользуйтесь только оригинальными запасными частями, выпущенным изготовителем бензоколонки.

Caution

To prevent damage that might result in electric shock or fire, disconnect the main power prior to any work.

Varning

Gör pumpen/enheten strömlös innan Du gör ingrepp i den. I annat fall föreligger risk för skada.

Vorsicht

Um Beschädigungen zu vermeiden, die zu einem elektrischen Schlag oder Feuer führen können, unterbrechen Sie vor jeder Arbeit die Stromzufuhr.

Осторожно

Во избежание поражения электрическим током или пожара отключайте напряжение питания перед началом любых работ.

Warning

Never run a leaking pump! Be careful with the environment and mind the skidding risk; take care of leaking fuel immediately.

Varning

Använd aldrig en läckande pump.
Tänk på miljön och halkrisken, sanera utläckt drivmedel snarast.

Warnung

Lassen Sie nie eine undichte Zapfsäule laufen! Seien Sie umweltbewusst und denken Sie an die Rutschgefahr; beseitigen Sie austretenden Kraftstoff umgehend.

Предупреждение

Не пользуйтесь колонкой при наличии утечки топлива! Охраняйте окружающую среду, помните об опасности скольжения: в случае утечки топлива на дорожное покрытие возле колонки, примите меры немедленно.

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1 Service and maintenance

1.1 Separation of power supply

Separation is done by removing the main fuse of the pump on the station.

WARNING!
To prevent damage which may result in electric shock or fire, disconnect the main power prior to any work.

CAUTION!
Unauthorised personnel may not execute service and maintenance. This may cause personal injury or property damage.

CAUTION!
Avoid the heat element of the electronics head, risk of skin burn.

WARNING!
Mind the rotating V-belt when the cover of the hydraulic unit is removed!

WARNING!
The driving belt may be replaced only by original belt from Dresser Wayne, otherwise there is a risk of explosion.

WARNING!
Use your protective equipment. (Protective mask, gloves etc.)

1.2 Electrostatic discharge (ESD)

Before service/maintenance of a pump discharging must be done. This is done when you open the covers of the pump with a key.
If an extensive repair work is to be done, discharge should be done regularly by touching the key.

WARNING!
The key must have direct contact with the skin.

NOTE!
Avoid direct contact with electronic parts of the pump.

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2 What does the denomination of the pump indicate

40 l/min, nozzle position 1, or 2
40-70 or 70 or 130 l/min, nozzle position 1
40-60 or 60 l/min, nozzle position 2
Blend, nozzle position 1

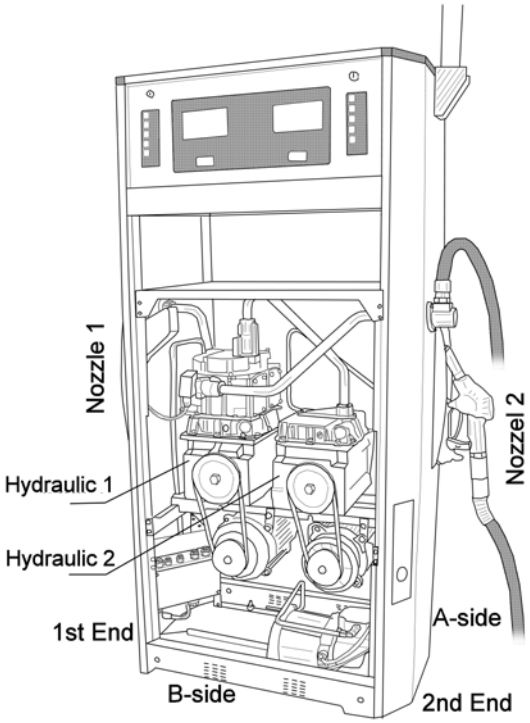

Figure 1 A-side / B-side

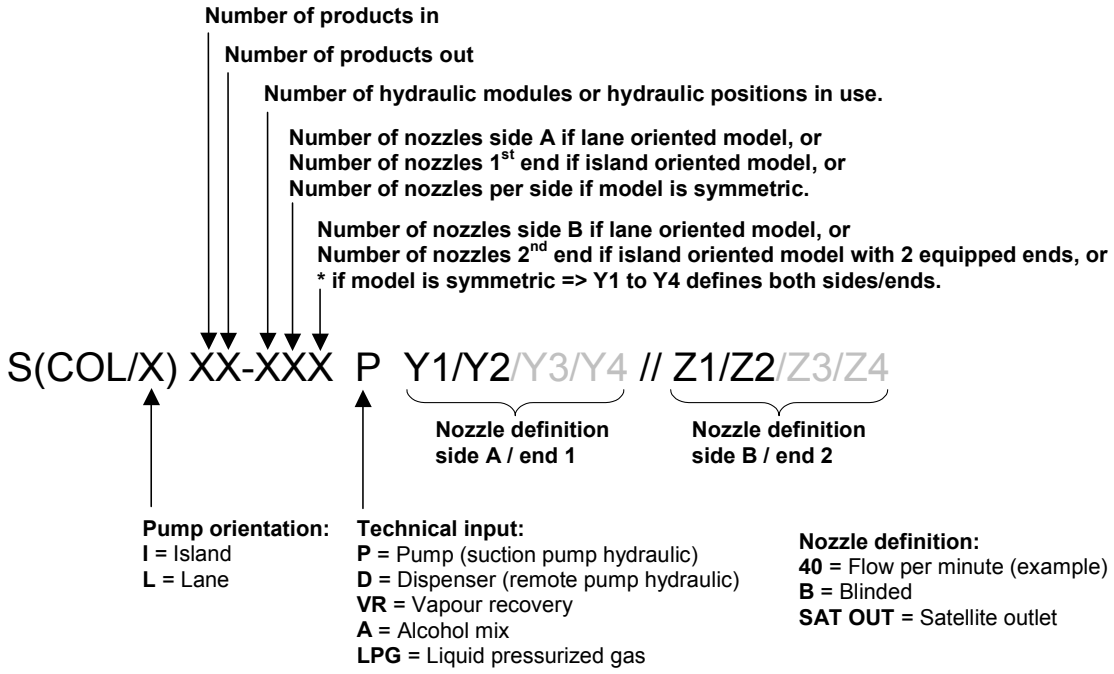
Number of products in
Number of products out
Number of hydraulic modules or hydraulic positions in use.
Number of nozzles side A if lane oriented model, or
Number of nozzles 1st end if island oriented model, or
Number of nozzles per side if model is symmetric.
Number of nozzles side B if lane oriented model, or
Number of nozzles 2nd end if island oriented model with 2 equipped ends, or
* if model is symmetric => Y1 to Y4 defines both sides/ends.
S(COL/X) XX-XXX P Y1/Y2/Y3/Y4 // Z1/Z2/Z3/Z4
Nozzle definition side A / end 1
Nozzle definition side B / end 2
Pump orientation:
I = Island
L = Lane
Technical input:
P = Pump (suction pump hydraulic)
D = Dispenser (remote pump hydraulic)
VR = Vapour recovery
A = Alcohol mix
LPG = Liquid pressurized gas
Nozzle definition:
40 = Flow per minute (example)
B = Blinded
SAT OUT = Satellite outlet

Figure 2 What does the model name of the pump indicate

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2.1 Serial number

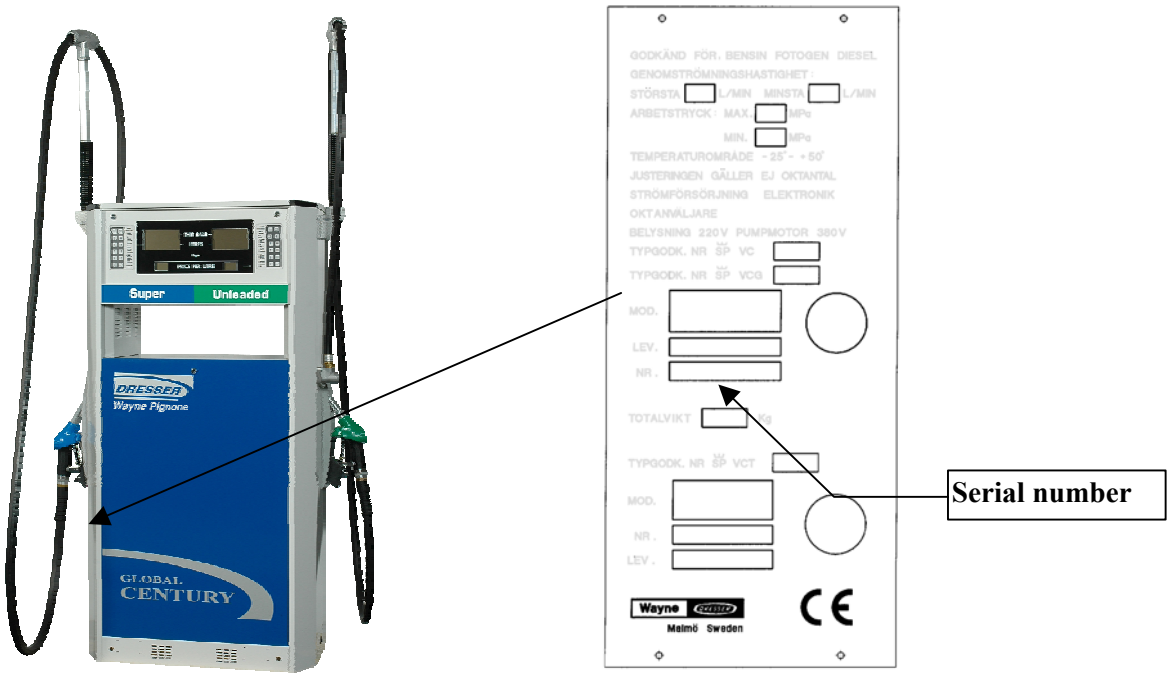

Figure 3 Marking sign

Example

3-94555-001-A = phase - TO number - No. - pump side

TO number = Manufacturing order number
No. = unique number within the manufacturing order number

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Spare Parts hydraulic unit ..... see document WM011952
Spare Parts vapour recovery unit ..... see document WM011951
Spare Parts LPG ..... see document WM016048

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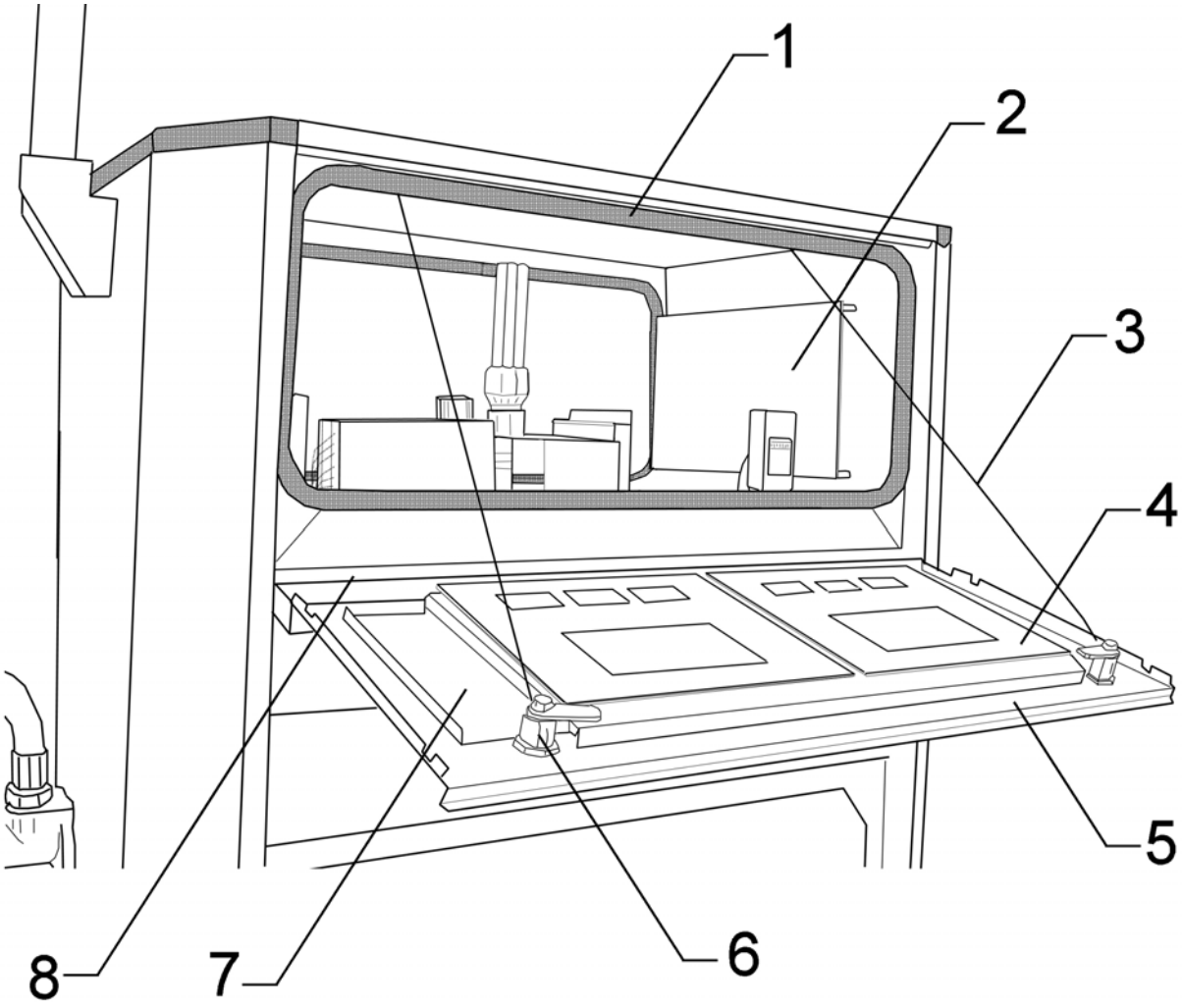
4 Electronic head



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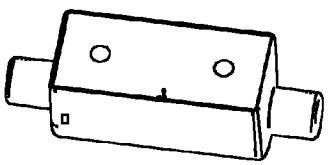

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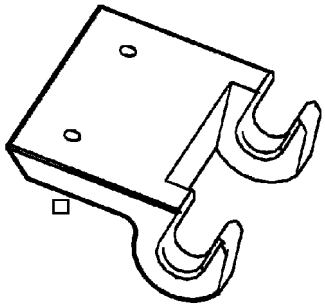

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	Part number	Description
1	WB000674	Edge protector (/m)
2		**CPU board**
	WM001908-0005	IEC full with CAN-bus
	WM001908-0002	IEC low cost
	WM004360	Isolated interface board with bypass relay
	WM001825	Serial relay board with bypass relay
	WM001829	IFSF interface board
	WM001827	ATCL interface board
3	WM015002	Cable, l=545mm
4		**Display board double row**
	WM010887-0001	1 unit price
5		**Front panel**
	WM014179-0005	Function keyboard, grey (RAL 7047 gloss 70)
	WM014179-0006	Grey (RAL 7047 gloss 70)
	WM014179-0007	Function keyboard left, grey (RAL 7047 gloss 70)
	WM014179-0008	Function keyboard right, grey (RAL 7047 gloss 70)
	WR000307	Glass (aprox. 443x260)
	WR000306	Gasket (aprox. 426x195)
6		**Lock**
	WM001994-0002	Std
	WM001994-0003	Individual code (6 lock 2 keys)
	WM014075	Latch bezel
	WM013613-0001	Washer, lock
7	WR000292	Support, box-shape, display, functional keyboard
	WR000294	Support, box-shape, display right, functional keyboard
	WR000296	Support, box-shape, display left, functional keyboard
	WR000305	Gasket (aprox. 190x74)
	WM003353	Key pad, 12 functional buttons
8a	WM005715-0001	Cable twisted tinned copper strands
8b	WT002156	Hinge, male
8c	WT002157	Hinge, female

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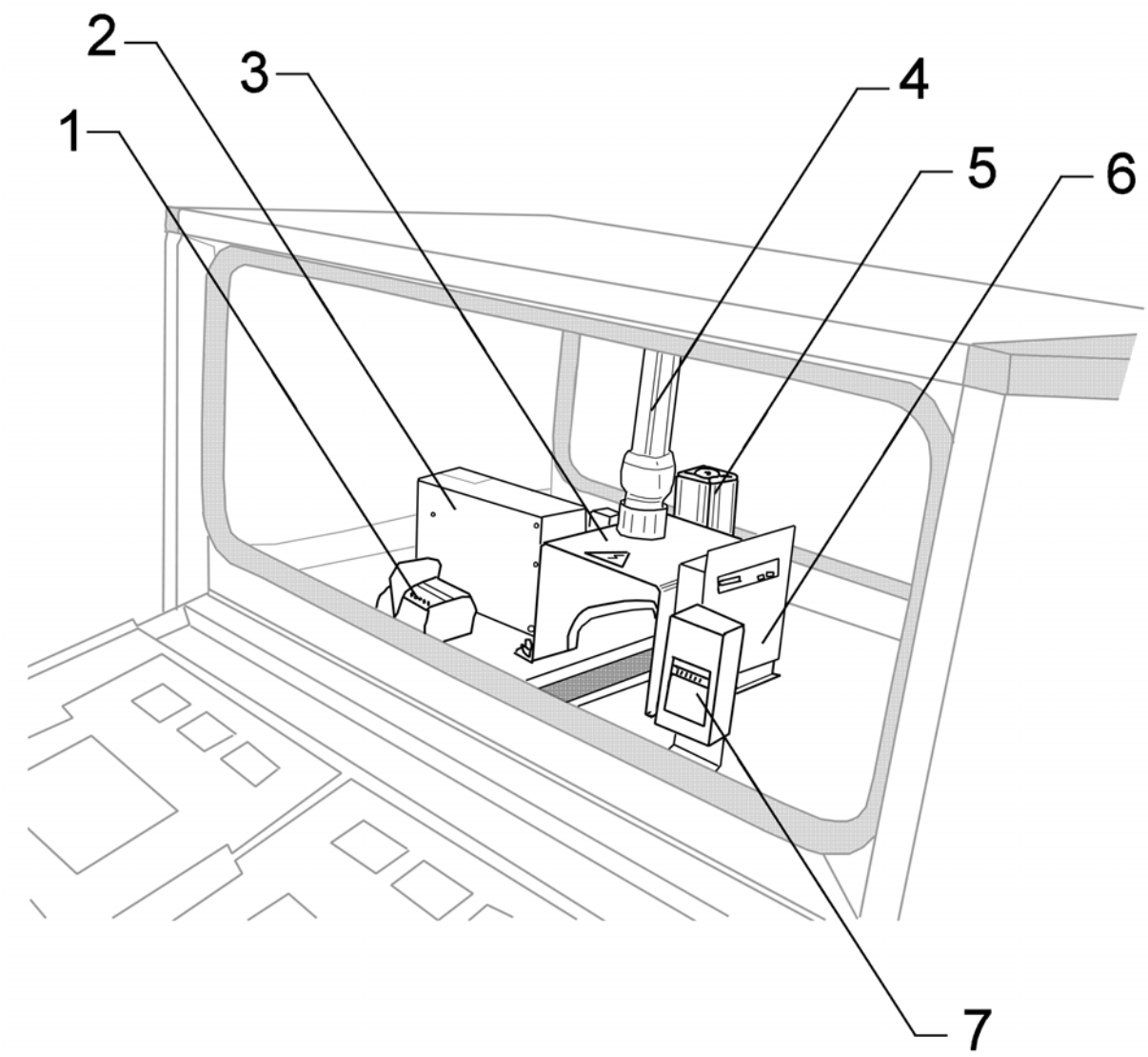

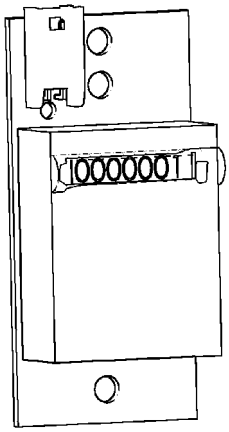

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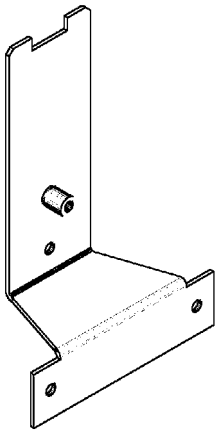

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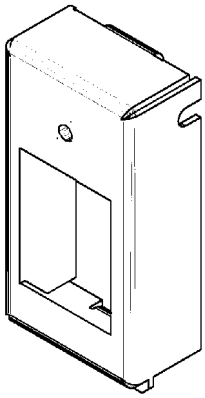

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	Part number	Description
1	WM008910-0001	Terminal rail
2		**Power supply**
	WM009807	60W
	WM009864	150W
3	WM014054	Support, U-shape
4	WM000686	Lamp
	WM000689	Lamp holder
5	WM000428-0003	Heating element 300W
6	WM002450	Intrinsic safe barrier (ISB)
7a	WM014753	Electromechanical totalizer
b	WM014060	Support U-shape
c	WM014654	Support box

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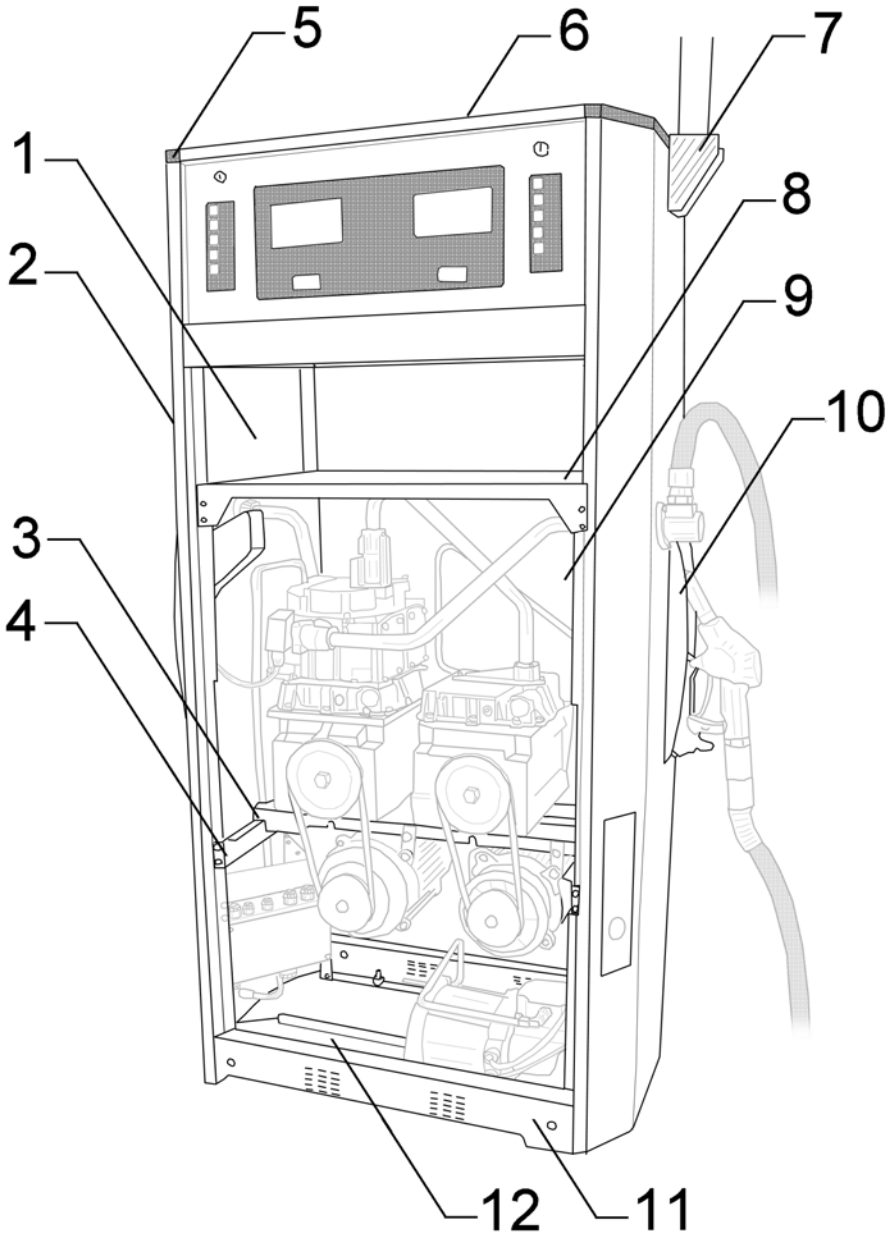
5 Framework



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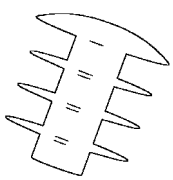

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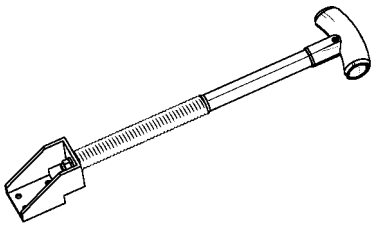

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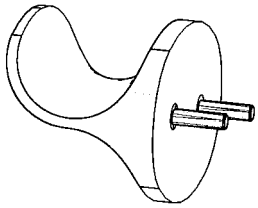

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	Part number	Description
-	See page 22	Solenoid valve support
1	WM014080-0001	Side panel, grey RAL 7047 (see also page 15)
	See page 14	Support, box-shape, vapour barrier
2		**Column***
	*WM016725-0003	*Blinded, grey (RAL 7047)
	*WM016725-0004	*Island, grey (RAL 7047)
	*WM016734-0003	*Island, high capacity, grey (RAL 7047)
	*WM016764-0003	*Lane, grey (RAL 7047)
	*WM016768-0002	*Lane, high capacity, grey (RAL 7047)
	*WM016772-0003	*Island, mast, grey (RAL 7047)
	*WM016783-0003	*Island, mast, high capacity, grey (RAL 7047)
	*WM016811-0002	*Lane, mast, high capacity, grey (RAL 7047)
	*WM016814-0003	*Lane, mast, grey (RAL 7047)
	*WM016818-0002	*Island, LPG, grey (RAL 7047) (LPG see document WM011949)
3	WM013995	Support hydraulics
4	WM014039	Support L-shape
5	WR000097-0001	Cover plate
5b	WM016557-0001	Plastic fastener, black
	1094	Screw MCS 4X12 5.8 FZB
6	WR000251-0001	Top panel, grey (RAL 7047)
	WM014300	Chassis electronic head
7a	WR000471	Mast
7b	WR000254	Support, hose
8	WM014094-0001	Top panel, hydraulics, grey (RAL 7047)
9	WR000252-0001	Front panel, white (RAL 9010) (hydraulic door)
10		**Nozzle boot**
	WR000353-0001	Auto on
	WR000353-0002	Auto on with flipper
11	WM014079-0001	Base, hydraulics, grey (RAL 7047)
12	WR000359	Support (vapour recovery unit see document WM011951)

* If the pump is produced 2006 you have the old version of the vapour barrier support. On these pumps you must change barrier support (WM015025) and cover plate (WR000097-0001) when you replace a column.

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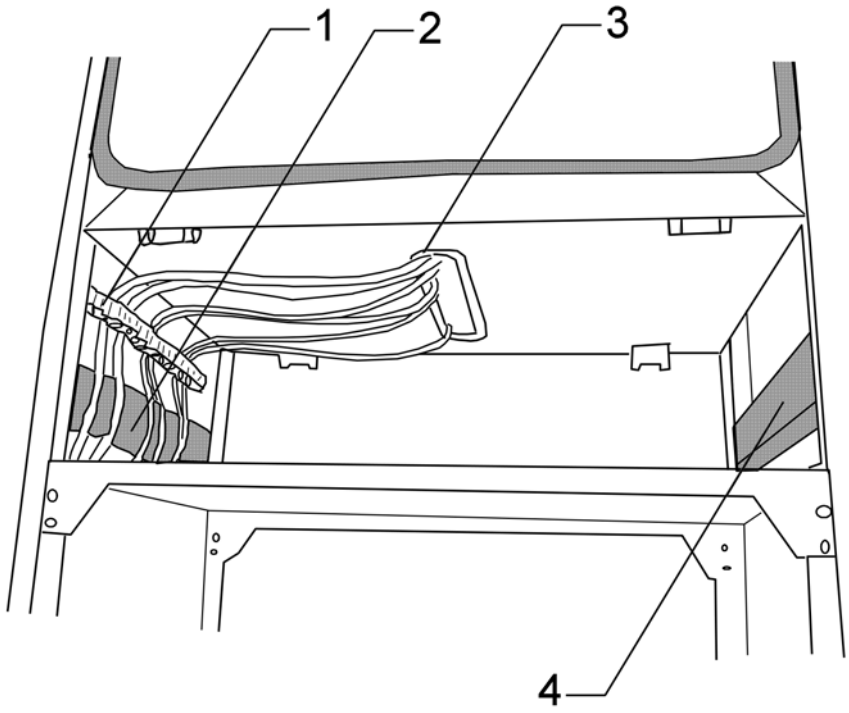
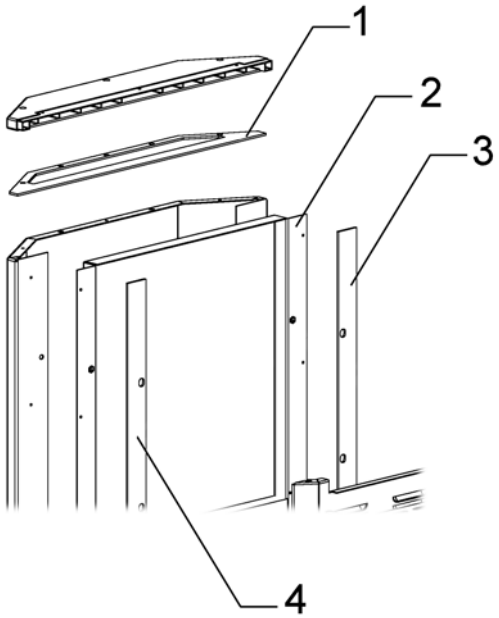
6 Sealing barrier



	Part number	Description
1	WM001061	Cable hanger
2	WR000098-0003	Gasket L=374 mm
3	WB000267-0001	Edge protector
4	WR000098-0003	Gasket L=374 mm



	Part number	Description
	See page 12	Cover plate
1	WM016331	Gasket
2	WM015025	Vapour barrier support (Including gasket WM014880 and WR000098-0003)
3, 4	WM014880	Gasket

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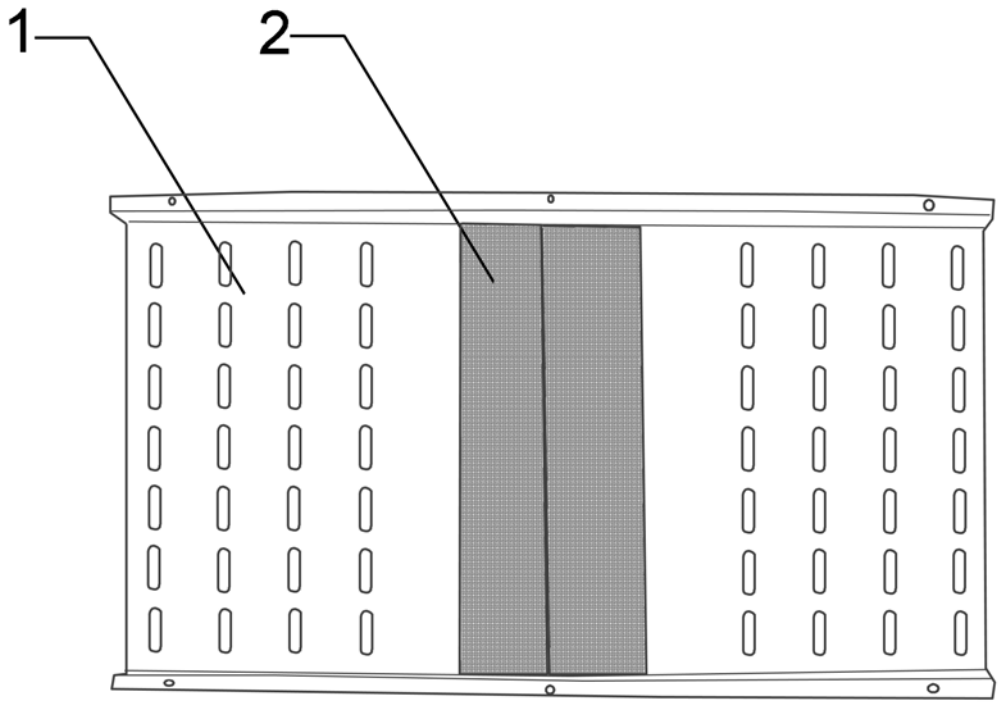
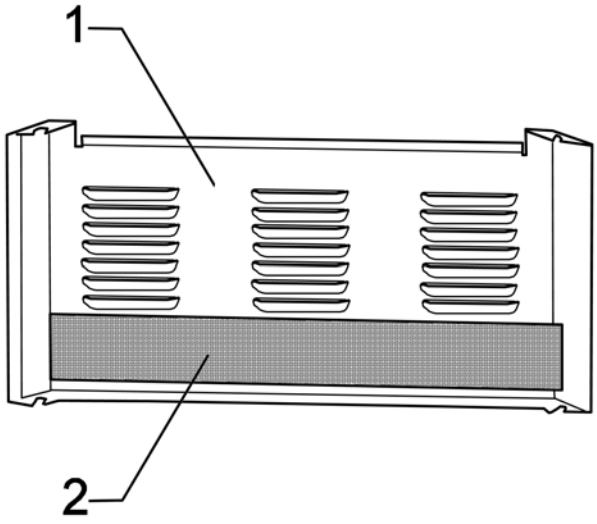


	Part number	Description
1	WM017583	Cover plate vapour barrier (Including gasket WR000098-0001)
2	WR000098-0001	Gasket L=314 mm



	Part number	Description
1	WM014080-0001	Side panel, grey RAL 7047 (Including gasket WR000098-0004)
2	WR000098-0004	Gasket L=411 mm

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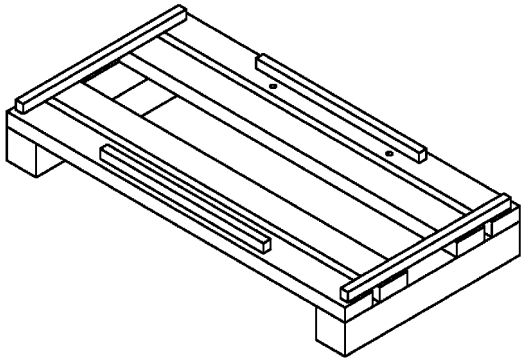
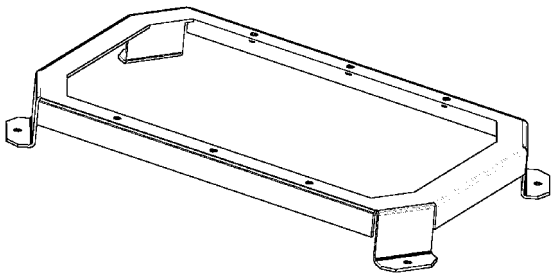
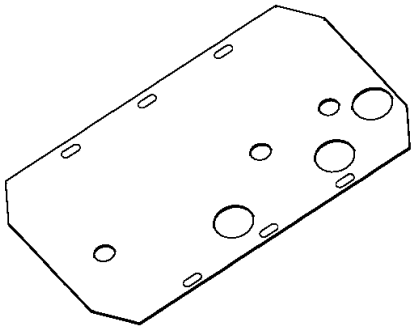
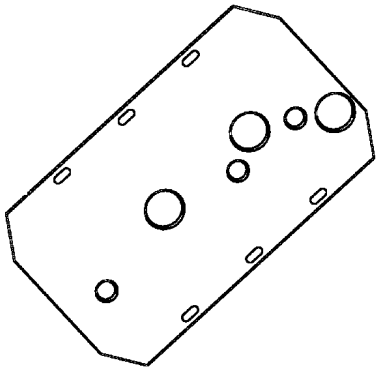
7 Pallet / Drip-pan / foundation frame

1. 

2. 

3. 

4. 

	Part number	Description
1	WM007472	Pallet L=1160 W=600
2	WM004774	Foundation frame
		Drip pan
3	WM014169	Suction
4	WM014171	Dispenser

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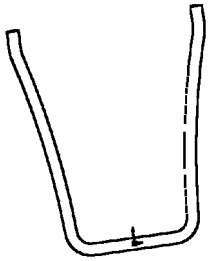
8 Tubes

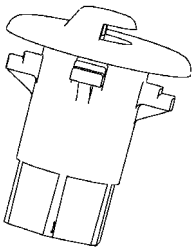
You will find the tube number printed on the tube.

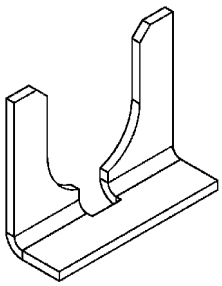
1. 

2.

	Part number	Description
1	WM001925	Lock pin for tube fitting
2	WM003021	O-ring t=4.0, ID=24 (for “double bump”, tube connection)

8.1 Air venting

1. 

2. 

	Part number	Description
1	WM011355	Plug with strainer, for air venting
	WM015834	Support L-shape

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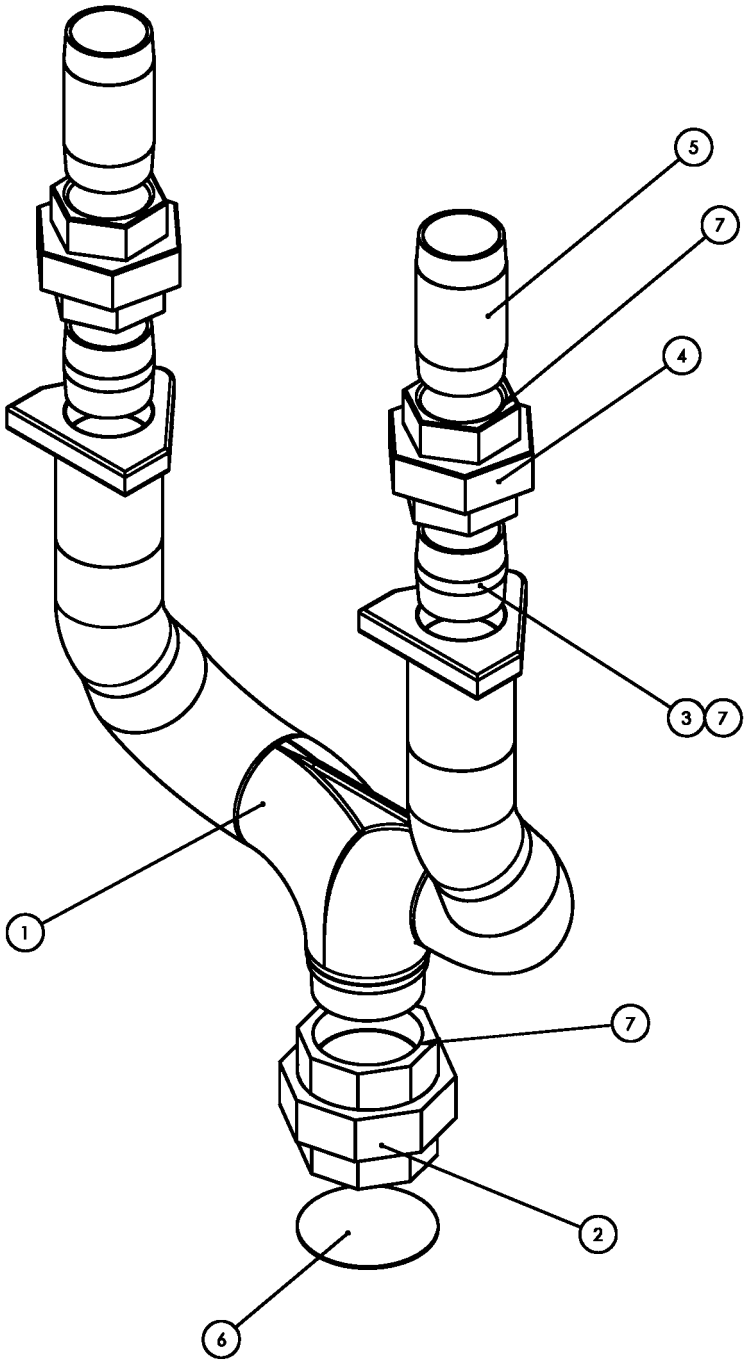
8.2 T-connection, Single inlet, Dispenser



	Part number	Description
	WR000338-0002	T-connection, Single inlet, Dispenser
1	WR000334-0002	Housing T-connection
2	WR000337	Coupling, straight union 2 NPT female-female
3	WR000234-0001	Inlet nipple 1 1/2" , L=44,5
4	WM003787	Coupling, straight union 1 1/2 NPT female-female
5	WR000234-0002	Inlet nipple 1 1/2", L=88,9
6	WR000336	Plug D=75mm
7	WM003160	Sealant Loxeal 58-11, thread sealant

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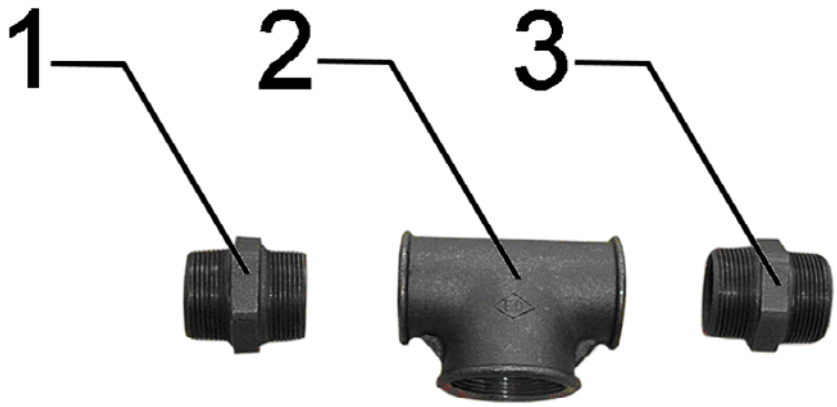
8.3 T-conection, European single inlet, suction pump



	Part number	Description
1, 3	WM014850	Coupling, straight male
2	WM014847	T-coupling female

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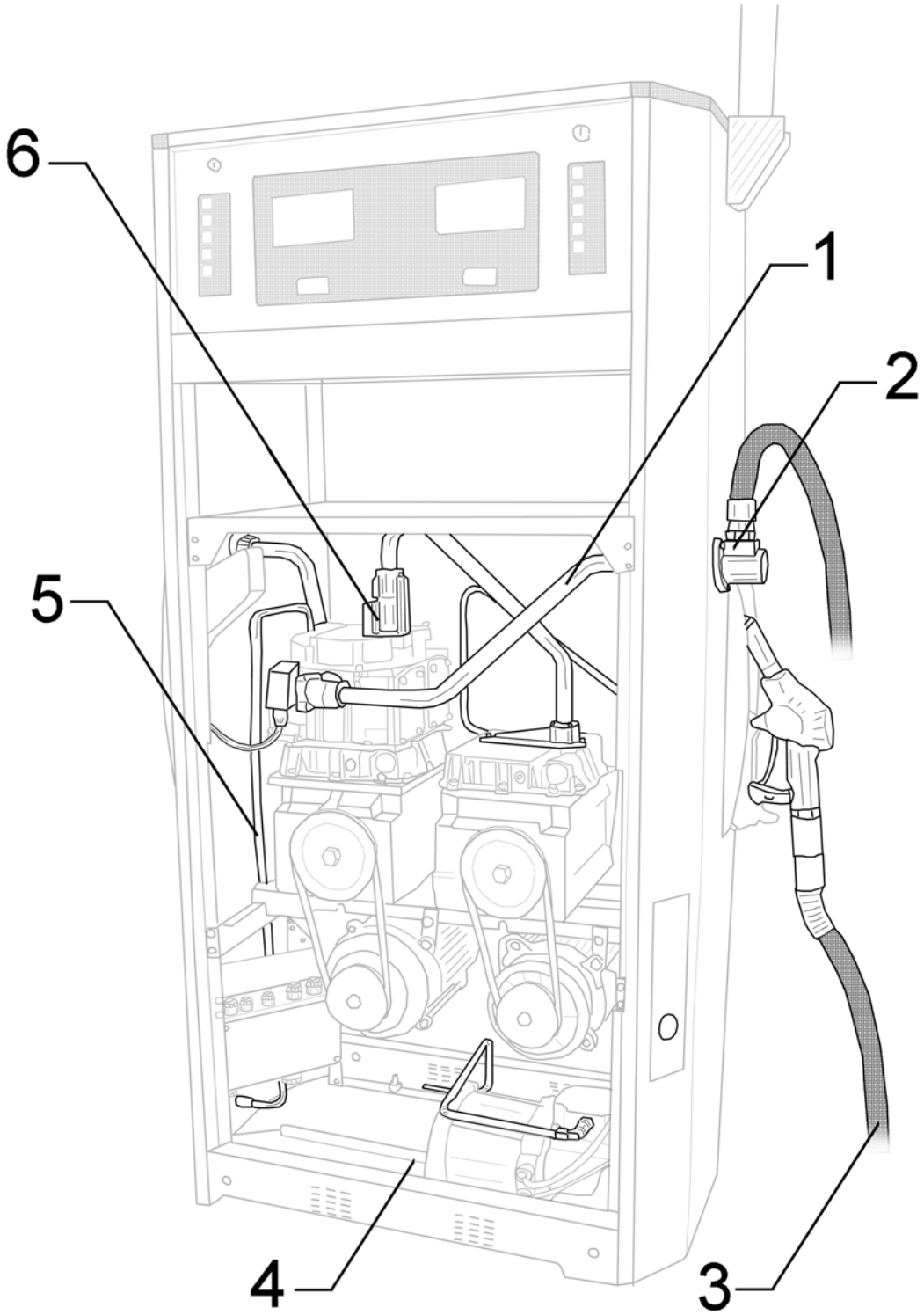
8.4 Tubes



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	Part number	Description
1		**Tubes fuel delivery**
	WM014218-0002	Hydraulic 1 - nozzle 1. side A
	WM014222-0002	Hydraulic 1 - nozzle 2, side B
	WM014230-0002	Hydraulic 1 - nozzle 1. side A, high capacity, island oriented
	WM014228-0002	Hydraulic 1 - nozzle 1. side B, high capacity, island oriented
	WM014244-0002	Hydraulic 1 - nozzle 1, side A, SAT island oriented
	WM014233-0002	Hydraulic 1 - nozzle 1, side B, SAT island oriented
	WM014255-0002	Hydraulic 2 - nozzle 2. side B, high capacity, island oriented
	WM014258-0002	Hydraulic 1 - nozzle 2. side B, high capacity, island oriented
	WM014265-0002	Hydraulic 2 - nozzle 1. side A, high capacity, island oriented
	WM014269-0002	Hydraulic 2 - nozzle 2, side B, high capacity, lane oriented
	WM014273-0002	Hydraulic 1 - nozzle 2, side B, high capacity, lane oriented
	WM014278-0002	Hydraulic 2 - nozzle 1, side A, high capacity, lane oriented
	WM014280-0002	Hydraulic 1 - nozzle 1, side A, high capacity, lane oriented
	WM014282-0002	Hydraulic 1 - hydraulic 2
	WM014758	SAT side A
	WM014751	SAT side B
2	WR000341-0002	Housing, outlet 1"
	WR000340-0001	Housing, outlet high capacity
	WR000261	Housing, manifold, high capacity
	WR000350-0002	Housing and sight glass
	WR000351	Housing high capacity and sight glass
	WR000331	Housing vapour recovery
3		**Hose**
	WM002081-0009	ID=21 mm, L=4.5 m, black
	WM002081-0010	ID=21 mm, L=4.5 m, black for bio diesel
	WM002078-0010	ID=16 mm, L=4.5 m, black
	WM002078-0009	ID=16 mm, L=4.5 m, black for bio diesel
	WM002083-0006	ID=25 mm, L=4,5 m, black
	WM002095-0005	L=4,5 m, black, vapour recovery
	WM002083-0008	ID=25 mm, L=7.0 m, black (only Greece)
	WM002078-0011	ID=16 mm, L=7.0 m, black (only Greece)
	WM002081-0011	ID=21 mm, L=7.0 m, black (only Greece)
4		Support vapour recovery unit; See page 12 Vapour recovery unit; See document WM011951
5		**Tubes air venting**
	WM014302-0001	Side A
	WM014310-0001	Side B
6	WM012266	Connector

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8.5 Vapour tubes

8.5.1 Standard

Side A and B	Side A	Side B
WR000361 solenoid valve support	WR000361 solenoid valve support	WR000361 solenoid valve support
WM015392 tube vapour, nozzle-valve	WM015392 tube vapour, nozzle-valve	WM015392 tube vapour, nozzle-valve
WM015175 tube vapour, valve-pump side A		
WM015176 tube vapour, valve-pump side B		WM015176 tube vapour, valve-pump side B
WM015171 tube vapour, pump-outlet side A		
WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B
	WM015179 tube vapour, valve - pump single side A	

8.5.2 Fafnir

Side A and B	Side A	Side B
WM009550 support, L-shape, Fafnir	WM009550 support, L-shape, Fafnir	WM009550 support, L-shape, Fafnir
WM009514 tube vapour, Fafnir - valve	WM009514 tube vapour, Fafnir - valve	WM009514 tube vapour, Fafnir - valve
WM009513 tube vapour, nozzle - Fafnir	WM009513 tube vapour, nozzle - Fafnir	WM009513 tube vapour, nozzle - Fafnir
WM015208 tube vapour, Fafnir - pump side A		
WM015197 tube vapour, Fafnir - pump side B		WM015197 tube vapour, Fafnir - pump side B
WM015171 tube vapour, pump-outlet side A		
WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B
	WM015255 tube vapour, Fafnir – pump side A	

8.5.3 Standard and vaccum gauge

Side A and B	Side A	Side B
WR000361 solenoid valve support	WR000361 solenoid valve support	WR000361 solenoid valve support
WM015392 tube vapour, nozzle-valve	WM015392 tube vapour, nozzle-valve	WM015392 tube vapour, nozzle-valve
WM015194 tube vapour, valve – vacuum gauge	WM015194 tube vapour, valve – vacuum gauge	WM015194 tube vapour, valve – vacuum gauge
WM015208 tube vapour, vacuum gauge - pump side A		
WM015197 tube vapour, vacuum gauge - pump side B		WM015197 tube vapour, vacuum gauge - pump side B
WM015242 tube vapour, T-coupling - vacuum gauge	WM015242 tube vapour, T-coupling - vacuum gauge	WM015242 tube vapour, T-coupling - vacuum gauge
WM015171 tube vapour, pump-outlet side A		
WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B
	WM015255 tube vapour, vacuum gauge - pump	

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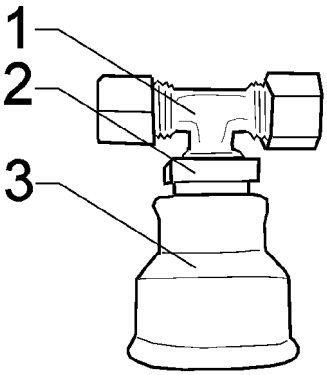
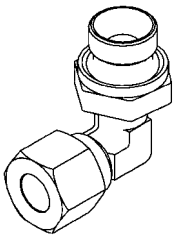
8.5.4 Fafnir and pressure gauge

Side A and B	Side A	Side B
WM009550 support, L-shape, Fafnir	WM009550 support, L-shape, Fafnir	WM009550 support, L-shape, Fafnir
WM015242 tube vapour, vacuum gauge	WM015242 tube vapour, vacuum gauge	WM015242 tube vapour, vacuum gauge
WM015171 tube vapour, pump-outlet side A		
WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B	WM015174 tube vapour, pump-outlet side B
WM009513 tube vapour, nozzle - Fafnir	WM009513 tube vapour, nozzle - Fafnir	WM009513 tube vapour, nozzle - Fafnir
WM015208 tube vapour, vacuum gauge - pump side A		
WM015197 tube vapour, vacuum gauge - pump side B		WM015197 tube vapour, vacuum gauge - pump side B
WB000351-0001 Coupling straight, male adapter R1/4" x R1/4"	WB000351-0001 Coupling straight, male adapter R1/4" x R1/4"	WB000351-0001 Coupling straight, male adapter R1/4" x R1/4"
WB000351-0002 Coupling straight, male adapter R3/4" x R1/4"	WB000351-0002 Coupling straight, male adapter R3/4" x R1/4"	WB000351-0002 Coupling straight, male adapter R3/4" x R1/4"
	WM015255 tube vapour, vacuum gauge - pump	

8.5.5 Vapour outlet





	Part number	Description
1	WM015035	T-coupling male R3/8 female D=10 both ends
2	WB000343-0001	Bushing
	WB000343-0002	Bushing plastic
3	WM015019	Coupling, straight female 1"X female 1/2" galvanized
4	WM002055	Coupling, 90 degree male G 3/8, D=10

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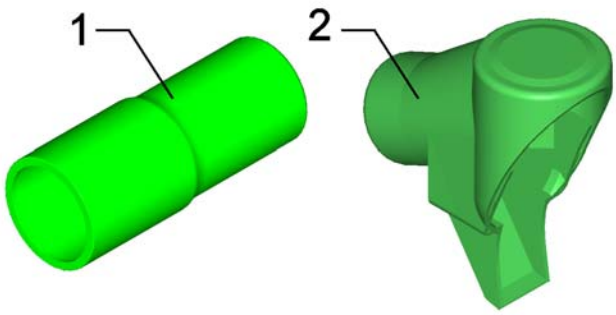
9 Nozzle

9.1 Cover



	Part number	Description
1		**Hose cover**
	WM007104-0001	Black CS16
	WM007104-0002	Blude CS16
	WM007104-0003	Red CS16
	WM007104-0004	Green CS16
	WM007104-0005	Yellow CS16
	WM007104-0006	White CS16
	WM007104-0007	Orange CS16
	WM007104-0008	BP dark blue, CS16
	WM007104-0009	BP light blue, CS16
	WM007545-0001	Blue CS21
	WM007545-0002	Yellow CS21
	WM007545-0003	Black CS21
	WM007545-0004	Red CS21
	WM007545-0005	Green CS21
	WM007545-0006	Orange CS21
	WM007545-0007	White CS21
	WM007545-0008	BP dark blue, CS21
2		**Nozzle cover without VR**
	WM002013-0006	Black
	WM002013-0005	Blue
	WM002013-0008	Dark blue
	WM002013-0009	Light blue
	WM002013-0003	Green
	WM002013-0007	Light green
	WM002013-0004	Red
	WM002013-0001	White
	WM002013-0002	Yellow
		Nozzle cover with VR
	WM002337-0005	Black
	WM002337-0004	Blue
	WM002337-0008	Light blue
	WM002337-0002	Green
	WM002337-0007	Light green
	WM002337-0003	Red
	WM002337-0006	White
	WM002337-0001	Yellow

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9.2 Nozzle

Nozzles from left to right in picture above:

1. Nozzle spout 31mm. Recommended for high speed flow rates up to 130 lpm.
2. Nozzle spout 24,5mm with drip catch. For flow rates between 40-70 lpm.
3. Nozzle spout 24,5mm. For diesel and leaded petrol with flow rates 40-70 lpm.
4. Nozzle spout 21mm for unleaded petrol. Maximum flow rate 40 lpm.

	Part number	Description
		With cover, without VR
	U WM002128	ZVA 25, 8D, black
	WM002016-0001	19mm, 8D, spout ID=19/OD=24.5, yellow
	WM002016-0002	19mm, 8D, spout ID=19/OD=24.5, black
	WM002016-0003	19mm, 8D, spout ID=19/OD=24.5, white
	WM002016-0004	19mm, 8D, spout ID=19/OD=24.5, red
	WM002016-0005	19mm, 8D, spout ID=19/OD=24.5, green
	WM002016-0006	19mm, 8D, spout ID=19/OD=24.5, blue
	WM002016-0007	19mm, 8D, spout ID=16/OD=21, black
	WM002016-0008	19mm, 8D, spout ID=16/OD=21, blue
	WM002016-0009	19mm, 8D, spout ID=16/OD=21, green
	WM002016-0010	19mm, 8D, spout ID=16/OD=21, red
	WM002016-0011	19mm, 8D, spout ID=16/OD=21, white
	WM002016-0012	19mm, 8D, spout ID=16/OD=21, yellow
	U WM002016-0013	19mm, 8D, spout ID=21/OD=25, black, D.catch+stop
	WM002016-0037	19mm, 8D, spout ID=21/OD=25, black, drip catcher
	WM002016-0038	19mm, 8D, spout OD=21, BP dark blue, comfi grip
	WM002016-0039	19mm, 8D, spout OD=21, BP dark blue
	WM002016-0040	19mm, 8D, spout OD=25, BP dark blue, comfi grip
	WM002016-0041	19mm, 8D, spout OD=25, BP dark blue
	WM002016-0043	19mm, 8D, spout OD=25, BP dark blue,drip catcher
	WM002016-0044	19mm, 8D, spout OD=21, BP light blue, comfi grip
	WM002016-0045	19mm, 8D, spout OD=25, BP light blue, comfi grip
	U WM002016-0046	19mm, 8D, spout OD=21, blue, ethanol
	WM002016-0046	19mm, 8D, spout ID=16/OD=21, blue, ethanol
	WM002016-0047	19mm, 8D, spout ID=16/OD=21, light green
	WM002016-0048	19mm, 8D, spout ID=19/OD=25, light green
	WM002016-0049	19 mm, 8D, spout ID=19/OD=21, BP light blue
	WM002016-0050	19 mm, 8D, spout ID=19/OD=25, BP light blue
	WM012773-0001	19mm, 8D, OD=25, BP dark blue, comfi g, drip cat

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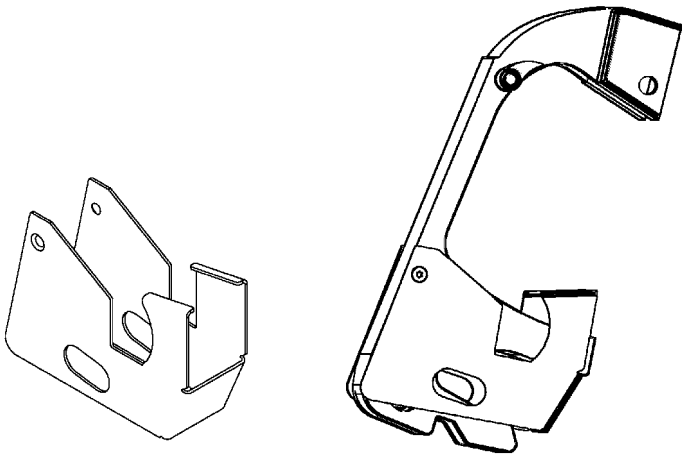
	Part number	Description
		With cover, with VR
	WM002123-0001	8D, spout OD=25, yellow
	WM002123-0002	8D, spout OD=25, black
	WM002123-0003	8D, spout OD=25, white
	WM002123-0004	8D, spout OD=25, red
	WM002123-0005	8D, spout OD=25, green
	WM002123-0006	8D, spout OD=25, blue
U	WM002123-0007	8D, spout OD=21, black
U	WM002123-0008	8D, spout OD=21, blue
U	WM002123-0009	8D, spout OD=21, green
	WM002123-0010	8D, spout OD=21, red
	WM002123-0011	8D, spout OD=21, white
	WM002123-0012	8D, spout OD=21, yellow
U	WM002123-0017	8, spout OD=21, green
	WM002123-0026	8D, spout OD=21, BP light blue, comfi grip
	WM002123-0027	8D, spout OD=25, BP light blue, comfi grip
	WM002123-0029	8D, spout OD=25, light green
	WM002123-0030	8D, spout OD=21, light green
	WM002009	Handle 8D
2	WM005331	Nozzle locking mechanism
	WM000631-0001	Self tapping screw, Torx, CSK head, type C ST 2,9X9,5
		Splash guard
	WM012315-0001	ID=24, OD=82, BP light blue (NL)
	WM012315-0002	ID=24, OD=82, green
	WM012315-0003	ID=24, OD=82, green
	WM012315-0004	ID=24, OD=82, green (UK)
	WM012315-0005	ID=24, OD=82, blue
	WM012315-0006	ID=24, OD=82, red
	WM012315-0007	ID=24, OD=82, yellow
	WM012317-0001	ID=26, OD=92, BP light blue (AT)
	WM012317-0002	ID=26, OD=92, BP dark blue (AT)
	WM012317-0003	ID=26, OD=92, green
	WM012317-0004	ID=26, OD=92, black
	WM012317-0005	ID=26, OD=92, blue
		Comfi grip
	WM012182-0001	BP light blue
	WM012182-0002	BP dark blue
	WM012300-0001	VR, BP light blue

2.



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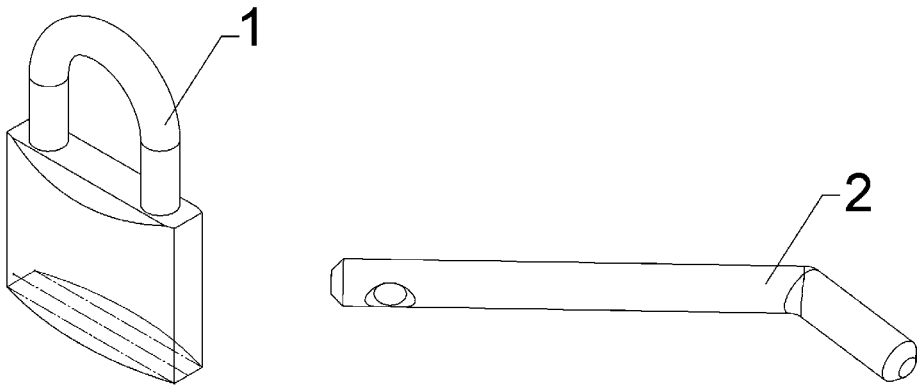
10 Padlock



	Part number	Description
1	WM003189	Padlock
2	WM002518-0001	Pin

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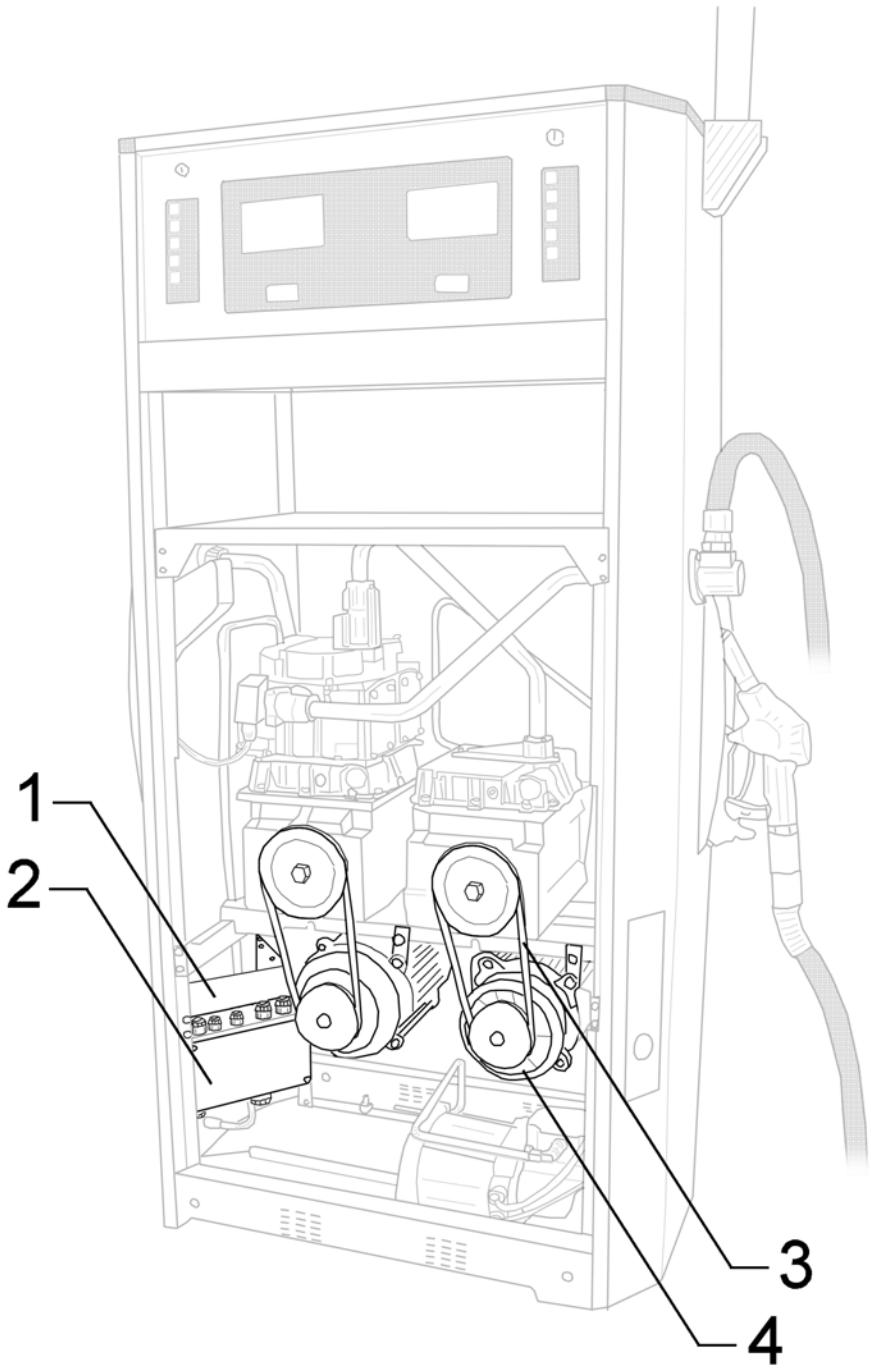
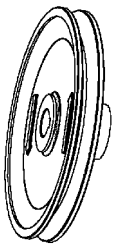
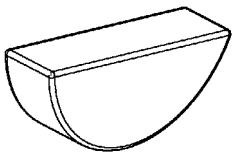
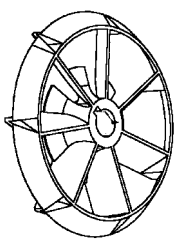
11 Motor and junction box



5. 

6. 

7. 

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	Part number	Description
1	WM014495	Support V-shape
2		**Junction box**
	WM001736	Data
	WM001740	Dispenser
	WM003288	3 phase, 230V, UPL dispenser
	WM003290	Data SAT MPI
	WM003292	UPS 230V
	WM003294	CODAB
	WM008200-0001	3 phase-230V, 24V, date with MC
	WM008200-0002	3 phase-230V, 24V, date without MC (shown in figure)
	WM008773-0001	3 phase-230V, 24V, date, dispenser with MC
	WM008773-0001	3 phase-230V, 24V, date, dispenser without MC
3		**V-belt** **Only antistatic V-belts may be used**
	WM003054	Z-profile SPZ 787
	WM003055	Z-profile SPZ 800
4		**Motor**
	WM014976-0003	3-phase 0.75kW 400V 50Hz
	WM014978-0003	3-phase 1.1kW 400V 50Hz
5	WM004303	Pulley for Z-belt for the pump unit (included spacer)
6	WM001667	Key, Woodruff D=19, T=4.75
	WB000341-0001	Nut, 5/8" UNF JAM-nut
	WM000446	O-ring T=3.0, ID=64.5
7	WM001452	Fan plastic

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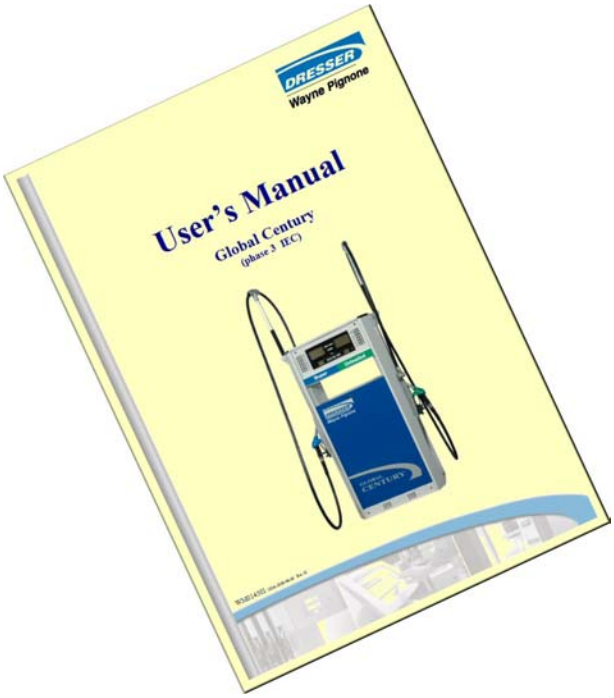
12 Documents



	Part number	Description
		User's Manual (with installation drawings)
	WM014499	CZ
	WM014500	DE
	WM014502	ES
	WM014503	FI
	WM014504	FR
	WM014501	GB (English)
	WM014505	IT
	WM014506	NL
	WM014507	PL
	WM014508	PT
	WM014509	RO
	WM014510	RU
	WM014511	SE
	WM014512	SI
	WM014513	UA
	WM014514	YU
	461450	Painting Instructions
	461251	Spare part list SAT II
	461383	A/L test and Maintenance, Vapour recovery pump (8014-5.0) from ASF Thomas
	WM011951	Spare Parts vapour recovery unit
	WM011952	Spare Parts hydraulic unit

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13 Wiring diagram / Cables (WM011953)

Sequence	Quantity	Item Number	Title
*1	1	WM003722-0002	CABLE MULTI 1x0.5 RD L=130,130,30; 1x0.5 BK L=130,130,30
* 2	1	WM010634-0001	CABLE 2x0.5 ZONE L=250
* 3	1	WM011045-0001	CABLE 2x0.5 ZONE L=200
* 4	1	WM010637-0001	CABLE 4x0.5 ZONE L=250
* 5	1	WM003752-0002	CABLE 4x0.34 ZONE SC Eexi L=2500
* 6	1	WM003863-0001	CABLE SINGLE WIRE 1x0.75 RD L=100
* 7	1	WM004089-0001	CABLE 4x0.25 L=1100
* 8	1	WM008689-0001	THERMOSTAT WITH CABLE 2x0.75 BN, 1x0.75 BU L=400/650/100
* 9	1	WM008599-0001	CABLE SINGLE WIRE 1x0.75 BU L=300
* 10	1	WM003892-0003	CABLE SINGLE WIRE 1x0.75 BN L=450
* 11	1	WM008599-0004	CABLE SINGLE WIRE 1x0.75 BU L=700
* 12	1	WM013914-0001	CABLE SINGLE WIRE 1x0.5 RD L=300
* 13	1	WM003946-0001	CABLE MULTI 1x0.5 BK L=300, 1x0.5 BK L=50, 1x0.5 BK L=50
* 14	1	WM003892-0001	CABLE SINGLE WIRE 1x0.75 BN L=150
* 15	1	WM008117-0001	CABLE 12G0.75 ZONE L=2500
* 16	1	WM003734-0001	CABLE MULTI 1x0.5 RD L=600, 1x0.5 BK L=600
* 17	1	WM004096-0002	CABLE SINGLE WIRE 1x1.5 BU L=300
* 18	1	WM008592-0002	CABLE SINGLE WIRE 1x1.5 BN L=300
* 19	1	WM003927-0001	CABLE SINGLE WIRE 1x0.75 GN/YE L=300
* 20	1	WM004764-0001	CABLE MULTI 1x0.5 RD L=250, 1x0.5 BK L=250
* 21	1	WM003892-0005	CABLE SINGLE WIRE 1x0.75 BN L=700
* 22	1	WM003933-0001	CABLE SINGLE WIRE 1x0.75 GN/YE L=150
* 23	1	WM003731-0003	CABLE MULTI 1x0.5 RD L=900, 1x0.5 BK L=900
* 24	1	WM003861-0002	CABLE FLAT 16-POSITION 1.27-PITCH L=400
* 25	1	WM010538-0002	ON/OFF SWITCH WITH CABLE 2x0.75 BN, 2x0.75 BU L=400
* 26	1	WM006840-0001	CABLE 2x0.5 L=600
* 27	1	WM003861-0001	CABLE FLAT 16-POSITION 1.27-PITCH L=150
* 28	1	WM003758-0001	CABLE 4x0.34 L=1100
* 29	1	WM006838-0001	CABLE 8x0.5 L=600
* 30	1	WM003760-0004	CABLE FLAT 10-POSITION 1.27-PITCH L=1400
* 31	1	WM003760-0003	CABLE FLAT 10-POSITION 1.27-PITCH L=900
* 32	1	WM011988-0001	CABLE MULTI 2x0.34 L=850, 2x0.34 L=850
* 33	1	WM004085-0002	CABLE 2x0.34 L=850
* 34	1	WM006836-0001	CABLE 8x0.5 L=900
* 35	1	WM003755-0001	CABLE 4x0.5 ZONE L=2700
* 36	1	WM004105-0001	CABLE SINGLE WIRE 1x0.75 BK L=75
* 37	1	WM003980-0001	CABLE 2x0.34 L=300
* 38	1	WM004126-0001	CABLE SINGLE WIRE 1x10 GN/YE L=10000
* 39	1	WM006822-0001	CABLE HIGH VOLTAGE 5G1.5 ZONE L=2500
* 40	1	WM008566-0001	CABLE HIGH VOLTAGE 4G1.5 ZONE L=2450
* 41	1	WM003736-0001	CABLE 4x0.34 L=200
* 42	1	WM010637-0002	CABLE 4x0.5 ZONE L=2500
* 43	1	WM003984-0001	CABLE 4x0.5 ZONE SC L=10000
* 44	1	WM010089-0001	CABLE 7G0.75 ZONE L=2500
* 45	1	WM006828-0001	CABLE HIGH VOLTAGE 3G1.5 ZONE L=2500
* 46	1	WM003892-0002	CABLE SINGLE WIRE 1x0.75 BN L=300
* 47	1	WM014641-0001	CABLE MULTI 1x1.5 BK L=250,1x1.5 GN/YE L=250
* 48	1	WM009592-0001	CABLE MULTI 1x0.5 RD L=350,350,30, 1x0.5 BK L=350,350,30
* 49	1	WM004094-0002	CABLE 4x0.5 ZONE L=3300

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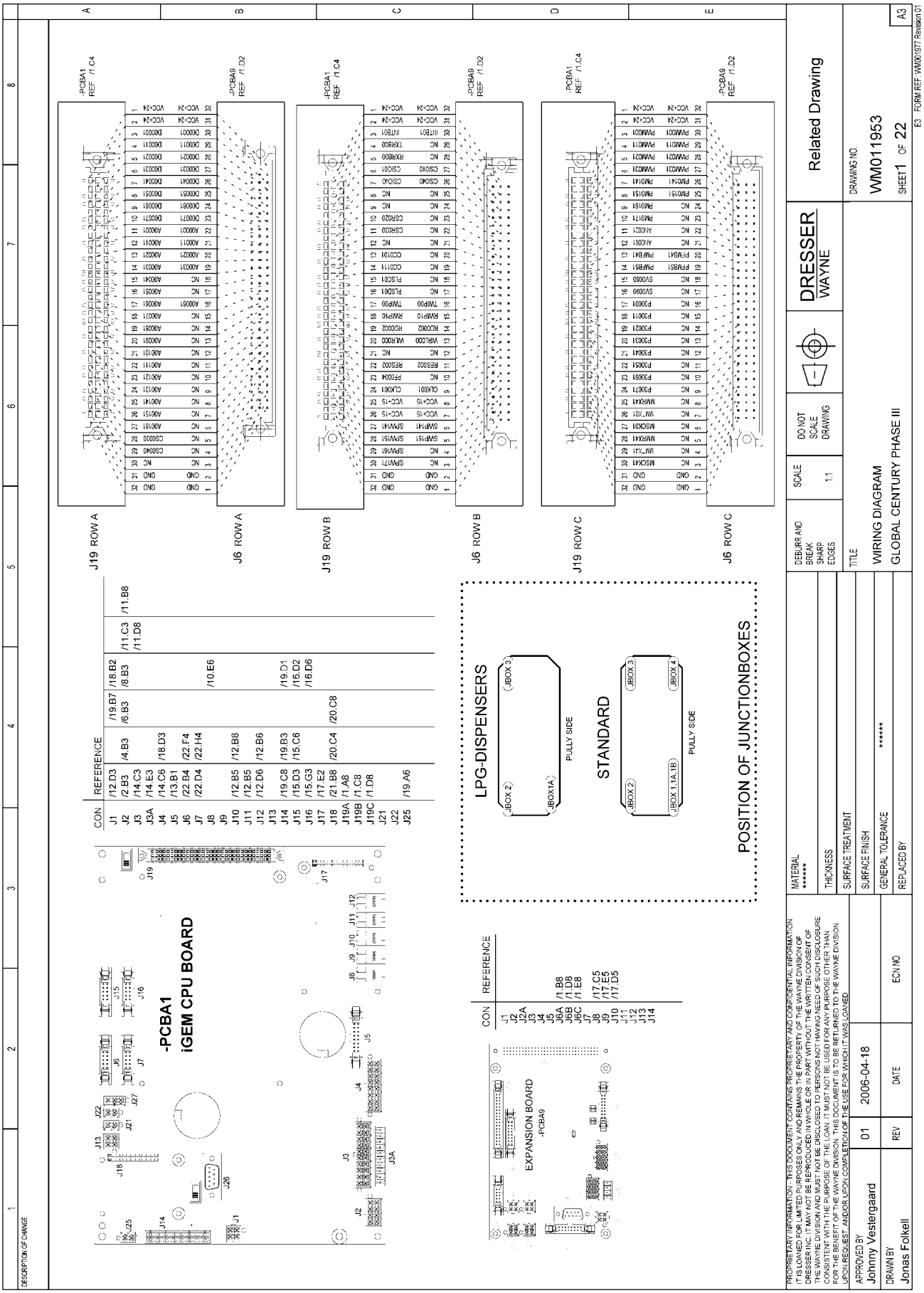
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EXPANSION BOARD
-PCBA9
J19 ROW A
J6 ROW A
J19 ROW B
J6 ROW B
J19 ROW C
J6 ROW C
LPG-DISPENSERS
STANDARD
PULLY SIDE
POSITION OF JUNCTIONBOXES
Related Drawing
DRESSER
WAYNE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
WM011953
SHEET 1 OF 22
A3

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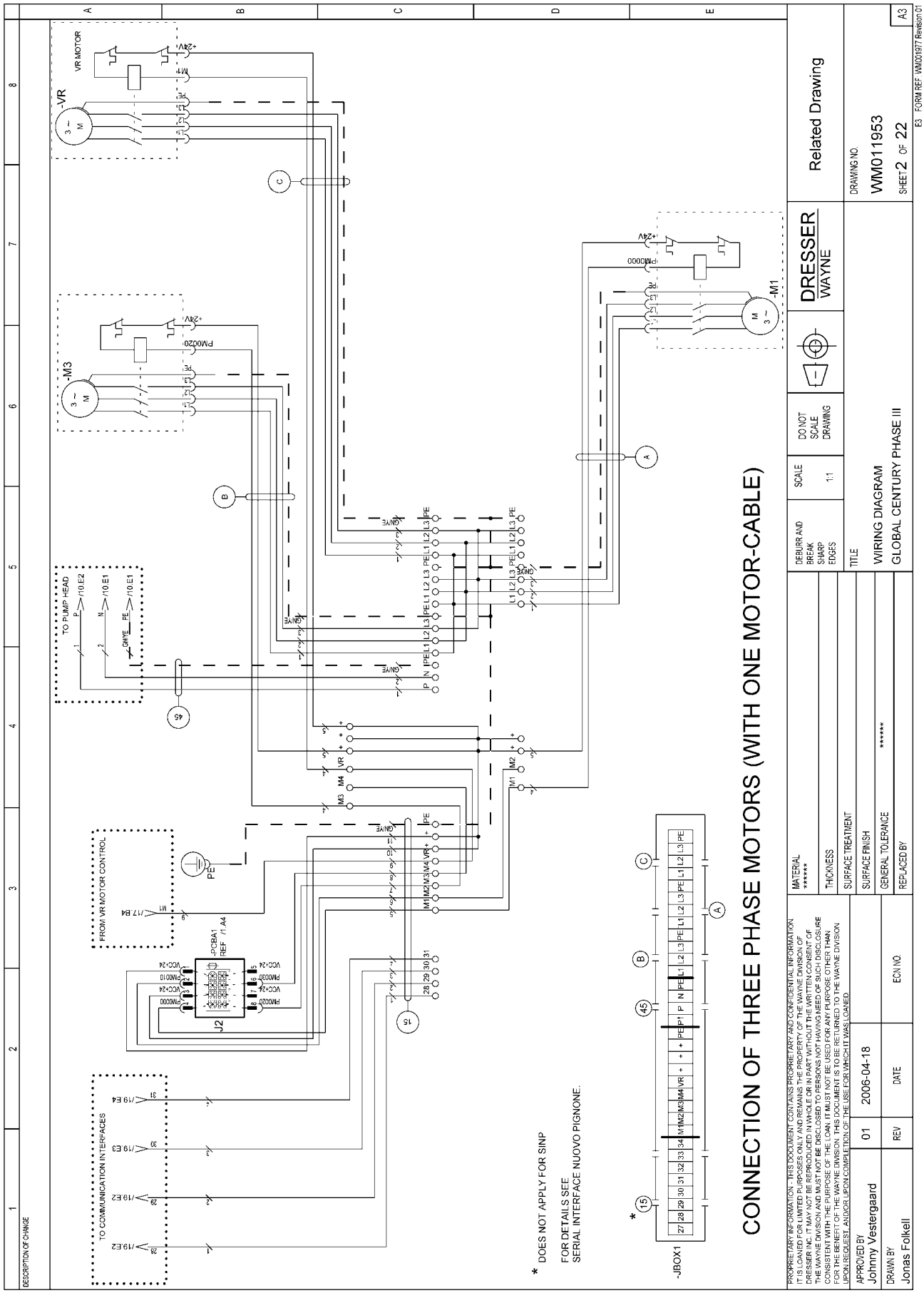
CONNECTION OF THREE PHASE MOTORS (WITH ONE MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
Related Drawing
DRESSER
WAYNE
DRAWING NO.
WM011953
SHEET 2 OF 22
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
TITLE
SCALE
1:1
DO NOT SCALE DRAWING
DEBURR AND BREAK SHARP EDGES
MATERIAL
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
REPLACED BY
ECN NO.
APPROVED BY
Johnny Vestergaard
01
2006-04-18
DRAWN BY
Jonas Folkell
REV
DATE
DESCRIPTION OF CHANGE
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E3 FORM REF: WM001977 Revision 01
A3
-VR
VR MOTOR
-M3
-M1
-PCBA1
REF /1.A4
J2
-JBOX1
TO PUMP HEAD
FROM VR MOTOR CONTROL
TO COMMUNICATION INTERFACES

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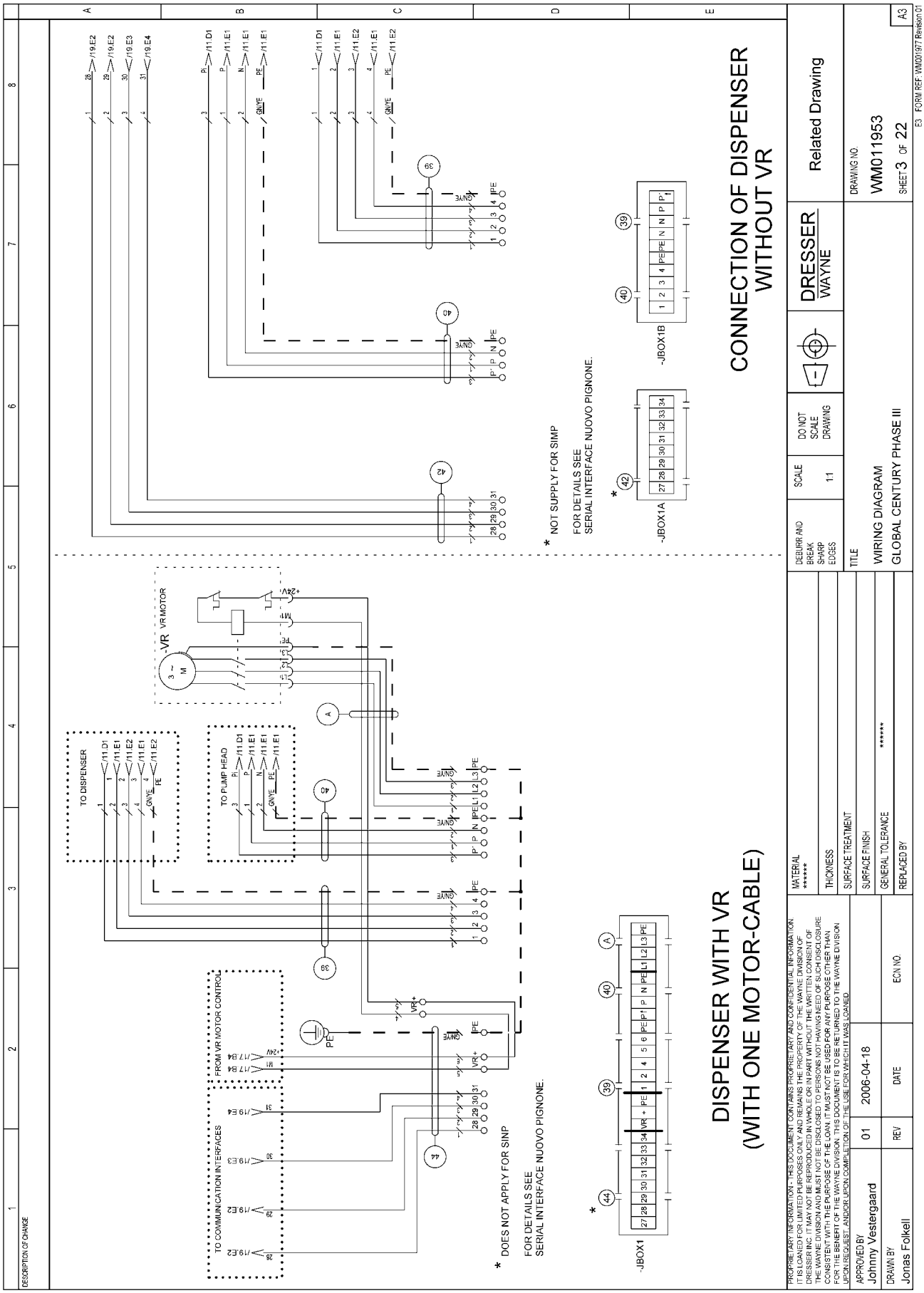
DISPENSER WITH VR
(WITH ONE MOTOR-CABLE)
CONNECTION OF DISPENSER
WITHOUT VR
-VR VR MOTOR
TO DISPENSER
TO PUMP HEAD
TO COMMUNICATION INTERFACES
FROM VR MOTOR CONTROL
-JBOX1
-JBOX1A
-JBOX1B
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
* NOT SUPPLY FOR SIMP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
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2006-04-18
DRAWN BY
Jonas Folkell
REV
DATE
ECN NO.
MATERIAL
******
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
******
REPLACED BY
DEBURR AND BREAK SHARP EDGES
SCALE
1:1
DO NOT SCALE DRAWING
DRESSER
WAYNE
TITLE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
Related Drawing
DRAWING NO.
WM011953
SHEET 3 OF 22
A3
E3 FORM REF: WM001977 Revision 01

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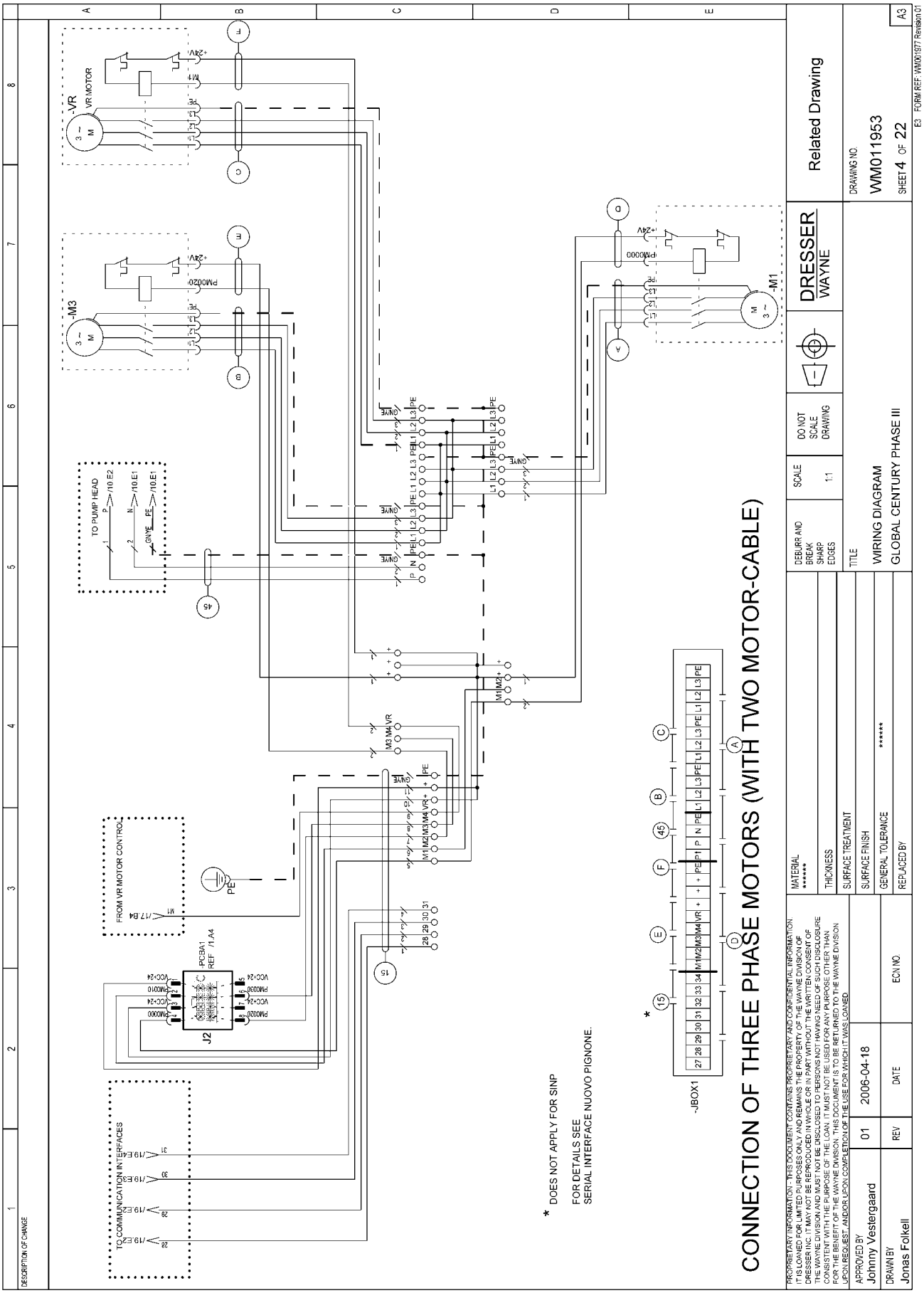
CONNECTION OF THREE PHASE MOTORS (WITH TWO MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
-VR
VR MOTOR
-M3
-M1
-JBOX1
TO PUMP HEAD
FROM VR MOTOR CONTROL
TO COMMUNICATION INTERFACES
PCBA1
REF /1.A4
J2
DRESSER
WAYNE
Related Drawing
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRAWING NO.
WM011953
SHEET 4 OF 22
A3
SCALE
1:1
DO NOT SCALE DRAWING
DEBURR AND BREAK SHARP EDGES
MATERIAL
******
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
******
REPLACED BY
ECN NO.
DATE
2006-04-18
REV
01
APPROVED BY
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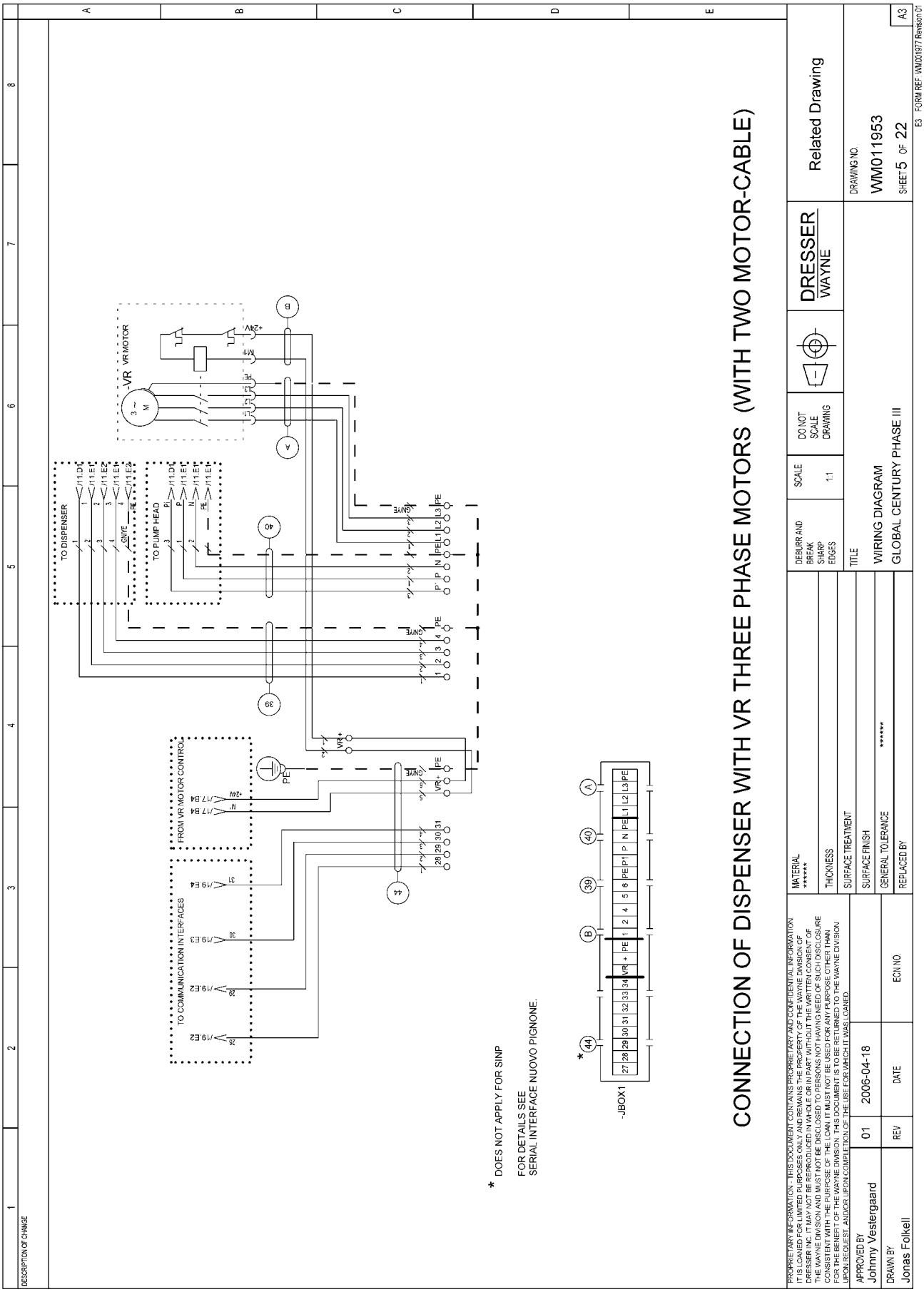
CONNECTION OF DISPENSER WITH VR THREE PHASE MOTORS (WITH TWO MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
-JBOX1
TO DISPENSER
TO PUMP HEAD
TO COMMUNICATION INTERFACES
FROM VR MOTOR CONTROL
-VR VR MOTOR
Related Drawing
DRESSER WAYNE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRAWING NO. WM011953
SHEET 5 OF 22
E3 FORM REF WM001977 Revision 01
APPROVED BY Johnny Vestergaard 01 2006-04-18
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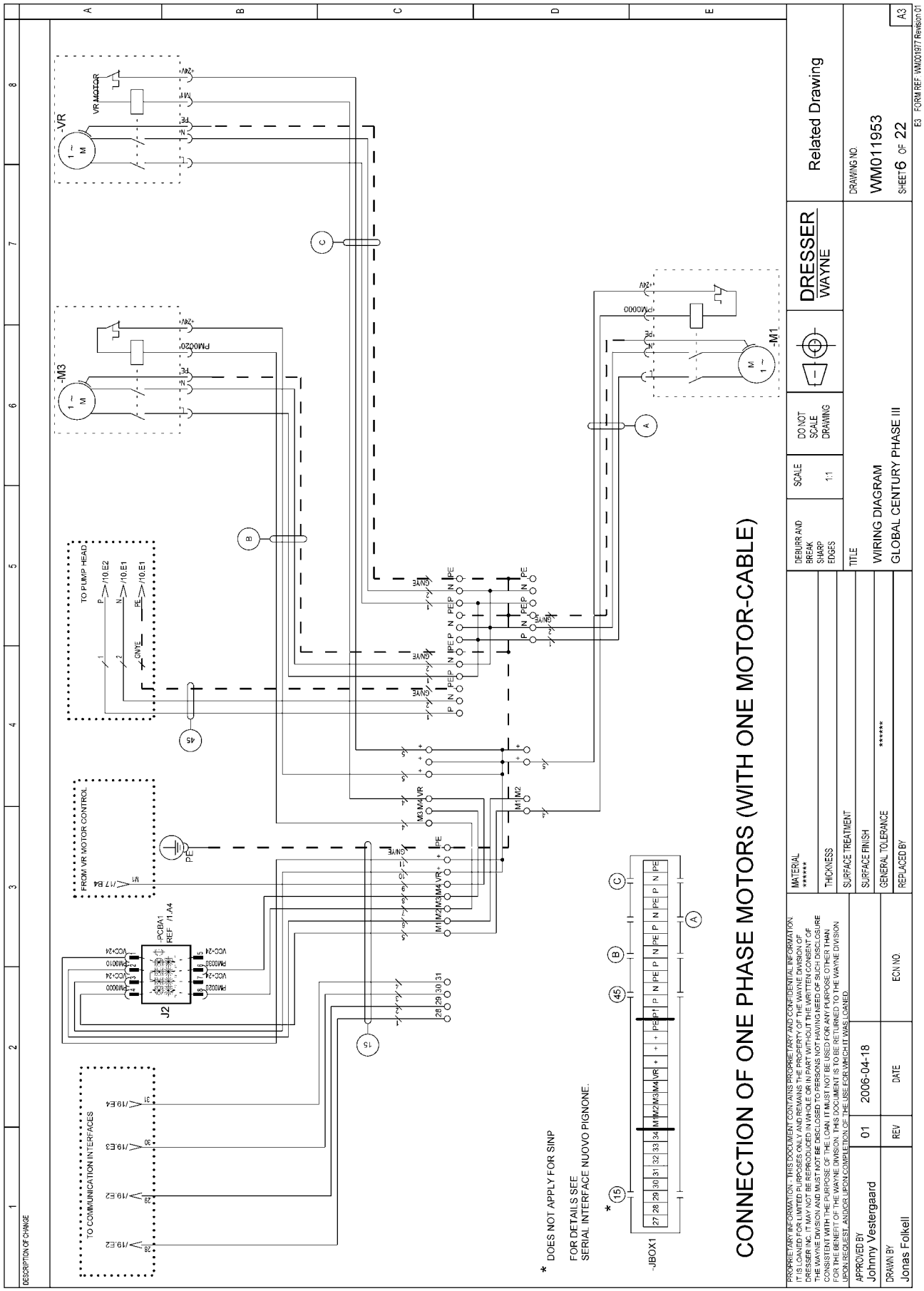
CONNECTION OF ONE PHASE MOTORS (WITH ONE MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
Related Drawing
DRESSER
WAYNE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRAWING NO.
WM011953
SHEET 6 OF 22
A3
FORM REF: WM01977 Revision 01
DESCRIPTION OF CHNGE
TO COMMUNICATION INTERFACES
FROM VR MOTOR CONTROL
TO PUMP HEAD
-VR
-M3
-M1
-PCBA1
REF /1.A4
J2
-JBOX1
DEBURR AND BREAK SHARP EDGES
SCALE 1:1
DO NOT SCALE DRAWING
MATERIAL *****
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE ******
REPLACED BY
ECN NO.
APPROVED BY Johnny Vestergaard 01 2006-04-18
DRAWN BY Jonas Folkell REV DATE
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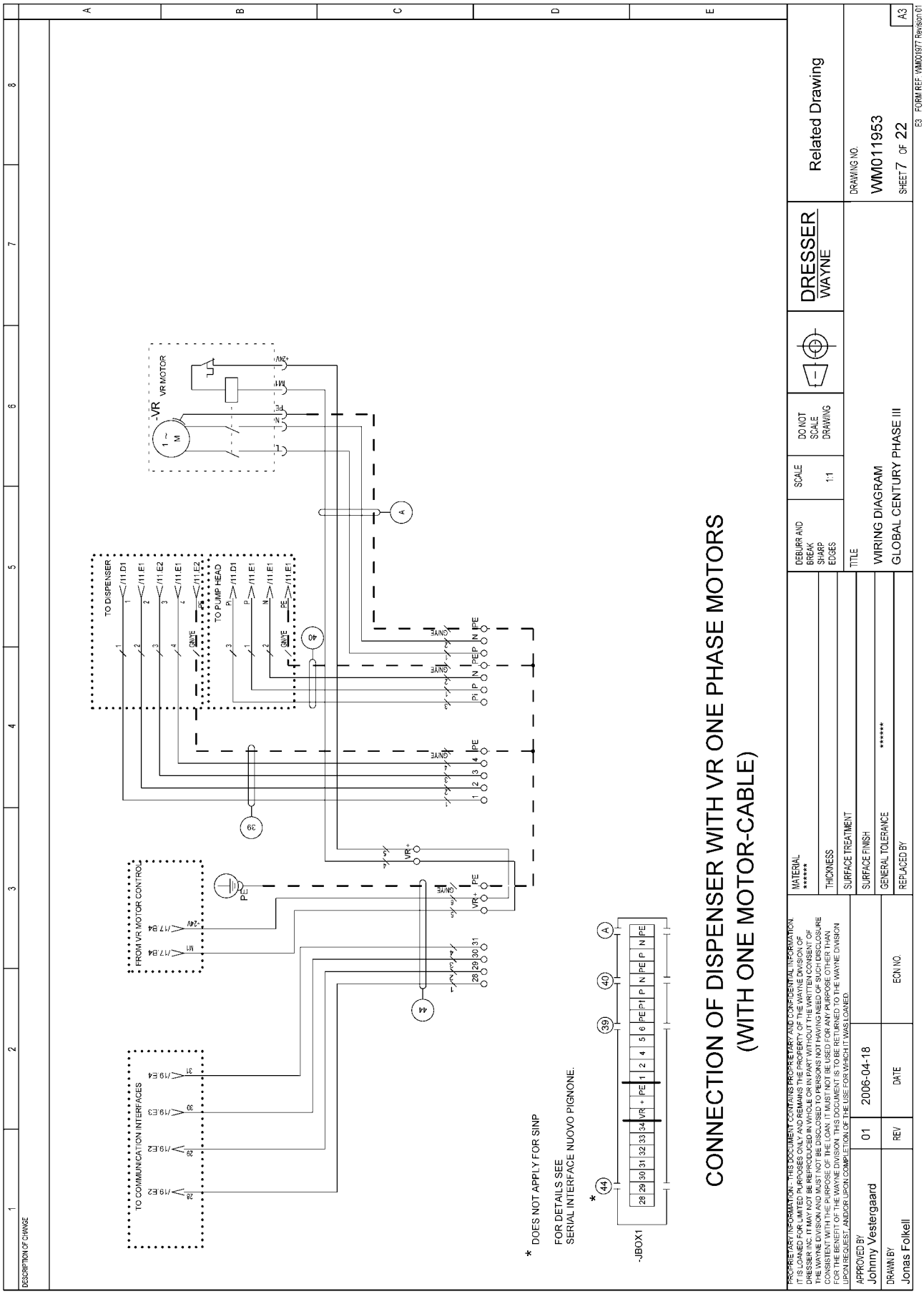
CONNECTION OF DISPENSER WITH VR ONE PHASE MOTORS
(WITH ONE MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
TO COMMUNICATION INTERFACES
FROM VR MOTOR CONTROL
TO DISPENSER
TO PUMP HEAD
VR MOTOR
-JBOX1
DESCRIPTION OF CHANGE
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APPROVED BY
Johnny Vestergaard
01
2006-04-18
DRAWN BY
Jonas Folkell
REV
DATE
ECN NO.
MATERIAL
******
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
******
REPLACED BY
DEBURR AND BREAK SHARP EDGES
SCALE
1:1
DO NOT SCALE DRAWING
DRESSER WAYNE
TITLE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
Related Drawing
DRAWING NO.
WM011953
SHEET 7 OF 22
A3
E3 FORM REF: WM01977 Revision 01

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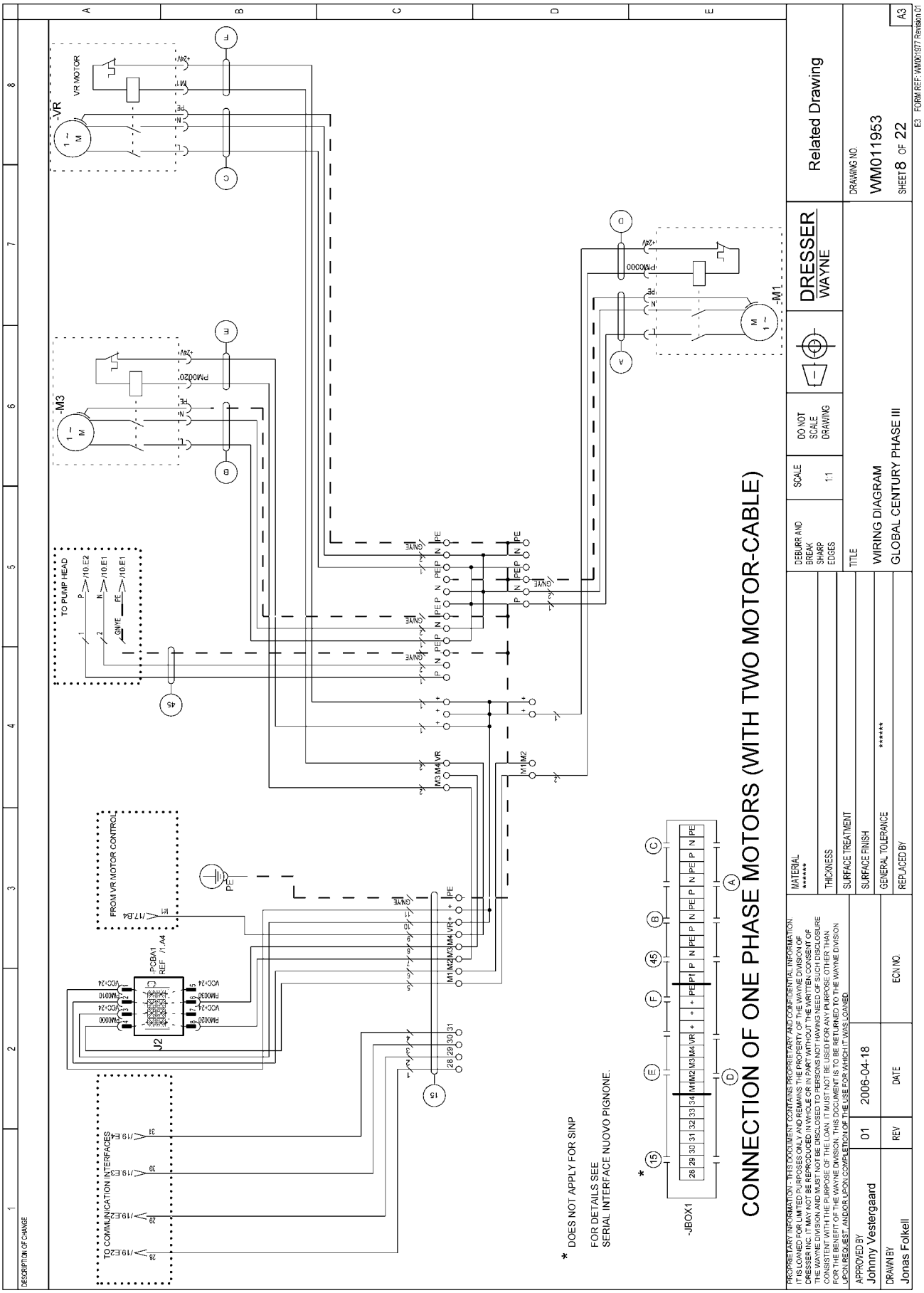
CONNECTION OF ONE PHASE MOTORS (WITH TWO MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
-VR
VR MOTOR
-M3
-M1
-PCBA1
REF A1/A4
J2
-JBOX1
TO PUMP HEAD
FROM VR MOTOR CONTROL
TO COMMUNICATION INTERFACES
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2006-04-18
DRAWN BY
Jonas Folkell
REV
DATE
ECN NO.
MATERIAL
*****
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
*****
REPLACED BY
DEBURR AND BREAK SHARP EDGES
SCALE
1:1
DO NOT SCALE DRAWING
TITLE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRESSER
WAYNE
Related Drawing
DRAWING NO.
WM011953
SHEET 8 OF 22
A3
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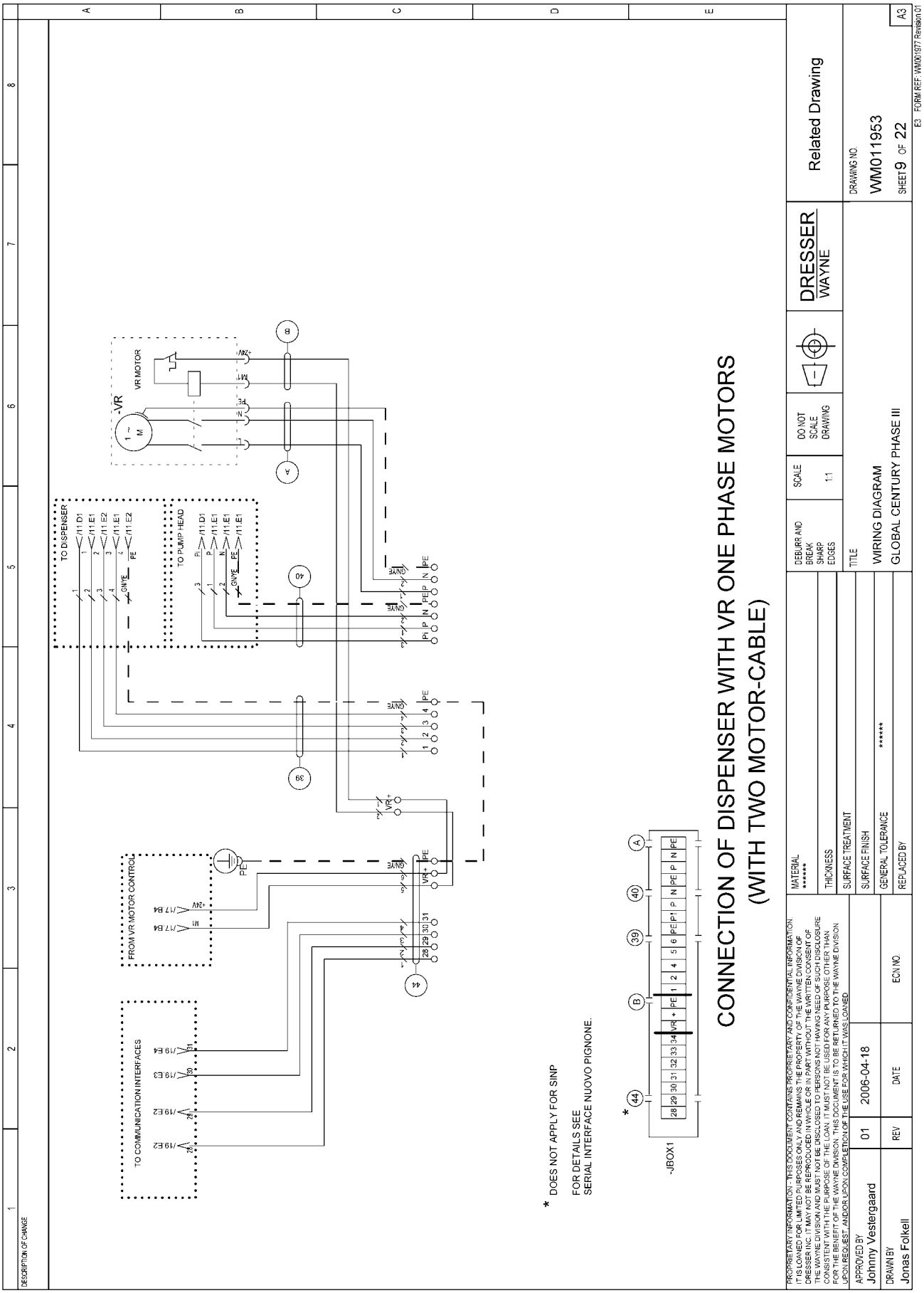
CONNECTION OF DISPENSER WITH VR ONE PHASE MOTORS
(WITH TWO MOTOR-CABLE)
* DOES NOT APPLY FOR SINP
FOR DETAILS SEE
SERIAL INTERFACE NUOVO PIGNONE.
TO DISPENSER
TO PUMP HEAD
VR MOTOR
FROM VR MOTOR CONTROL
TO COMMUNICATION INTERFACES
-JBOX1
Related Drawing
DRESSER WAYNE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
WM011953
SHEET 9 OF 22
A3
Johnny Vestergaard
2006-04-18
Jonas Folkell

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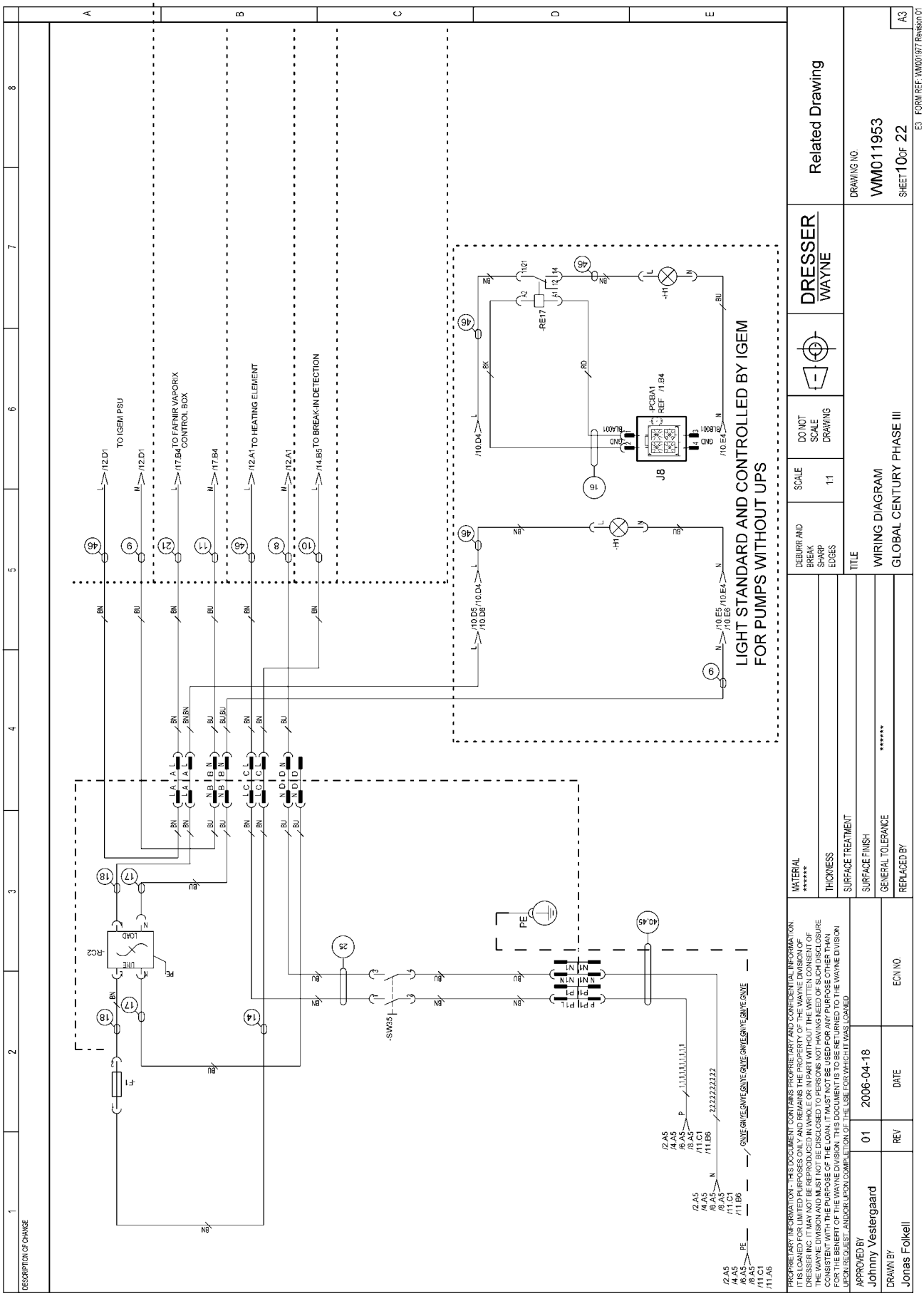
LIGHT STANDARD AND CONTROLLED BY IGEM
FOR PUMPS WITHOUT UPS
TO IGEM PSU
TO FAFNIR VAPORIX CONTROL BOX
TO HEATING ELEMENT
TO BREAK-IN DETECTION
-PCBA1
REF /1.B4
J8
-H1
-RE17
-SW35
-F1
-RC2
PE
DRESSER
WAYNE
Related Drawing
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRAWING NO.
WM011953
SHEET 10 OF 22
A3
Johnny Vestergaard
Jonas Folkell
2006-04-18
01

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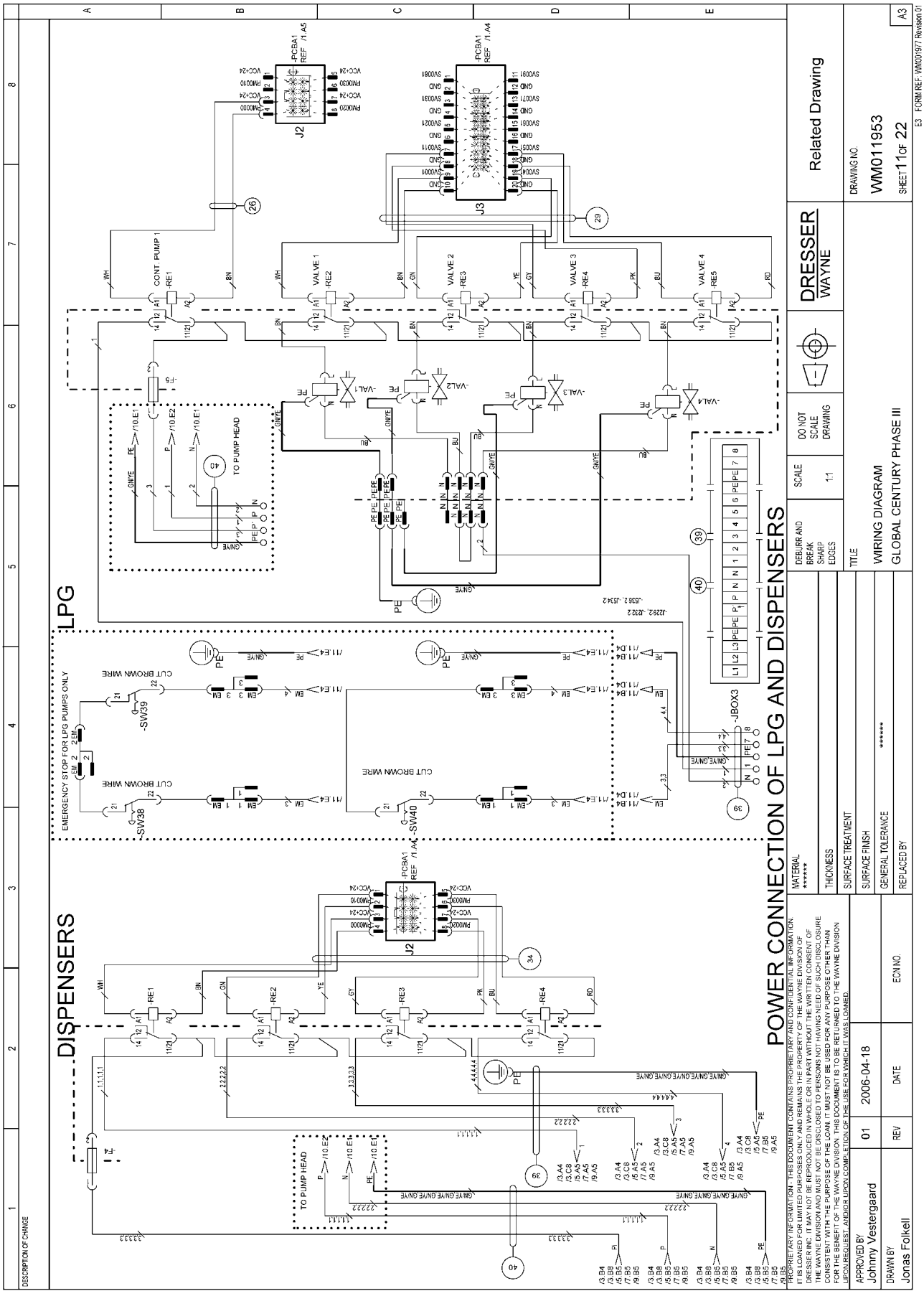
POWER CONNECTION OF LPG AND DISPENSERS
LPG
DISPENSERS
EMERGENCY STOP FOR LPG PUMPS ONLY
CUT BROWN WIRE
TO PUMP HEAD
CONT PUMP 1
VALVE 1
VALVE 2
VALVE 3
VALVE 4
-JBOX3
Related Drawing
DRESSER
WAYNE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRAWING NO.
WM011953
SHEET 11 OF 22
APPROVED BY
Johnny Vestergaard
DRAWN BY
Jonas Folkell
DATE
2006-04-18
ECN NO.
REPLACED BY
SURFACE FINISH
GENERAL TOLERANCE
SURFACE TREATMENT
THICKNESS
MATERIAL
DESCRIPTION OF CHANGE

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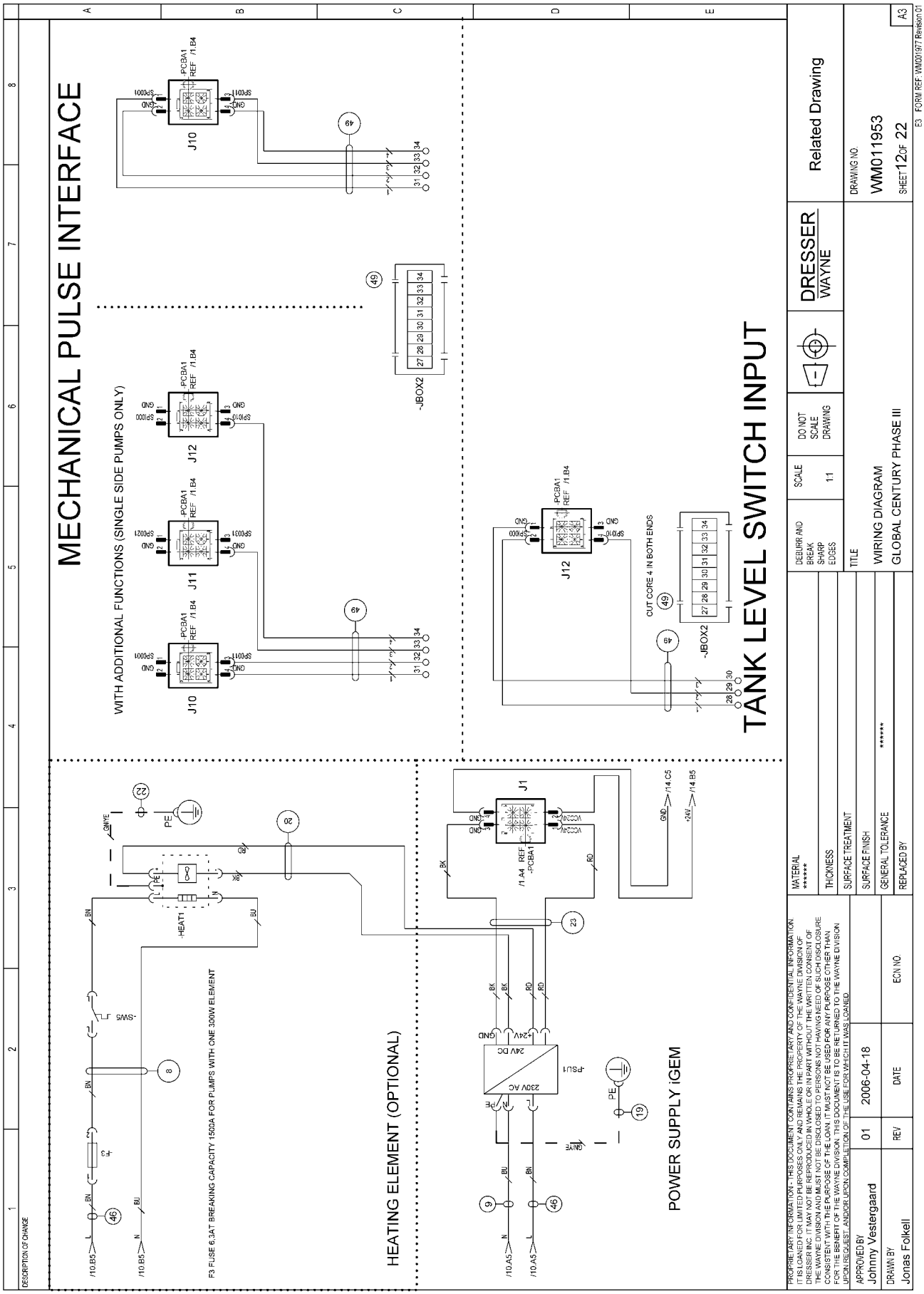
MECHANICAL PULSE INTERFACE
WITH ADDITIONAL FUNCTIONS (SINGLE SIDE PUMPS ONLY)
TANK LEVEL SWITCH INPUT
CUT CORE 4 IN BOTH ENDS
HEATING ELEMENT (OPTIONAL)
POWER SUPPLY iGEM
F3 FUSE 6.3AT BREAKING CAPACITY 1500A FOR PUMPS WITH ONE 300W ELEMENT
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DESCRIPTION OF CHANGE
APPROVED BY
Johnny Vestergaard
DRAWN BY
Jonas Folkell
REV
01
DATE
2006-04-18
ECN NO.
MATERIAL
******
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
******
REPLACED BY
DEBURR AND BREAK SHARP EDGES
SCALE
1:1
DO NOT SCALE DRAWING
TITLE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRESSER WAYNE
Related Drawing
DRAWING NO.
WM011953
SHEET 12 OF 22
A3
E3 FORM REF: WM001977 Revision 01

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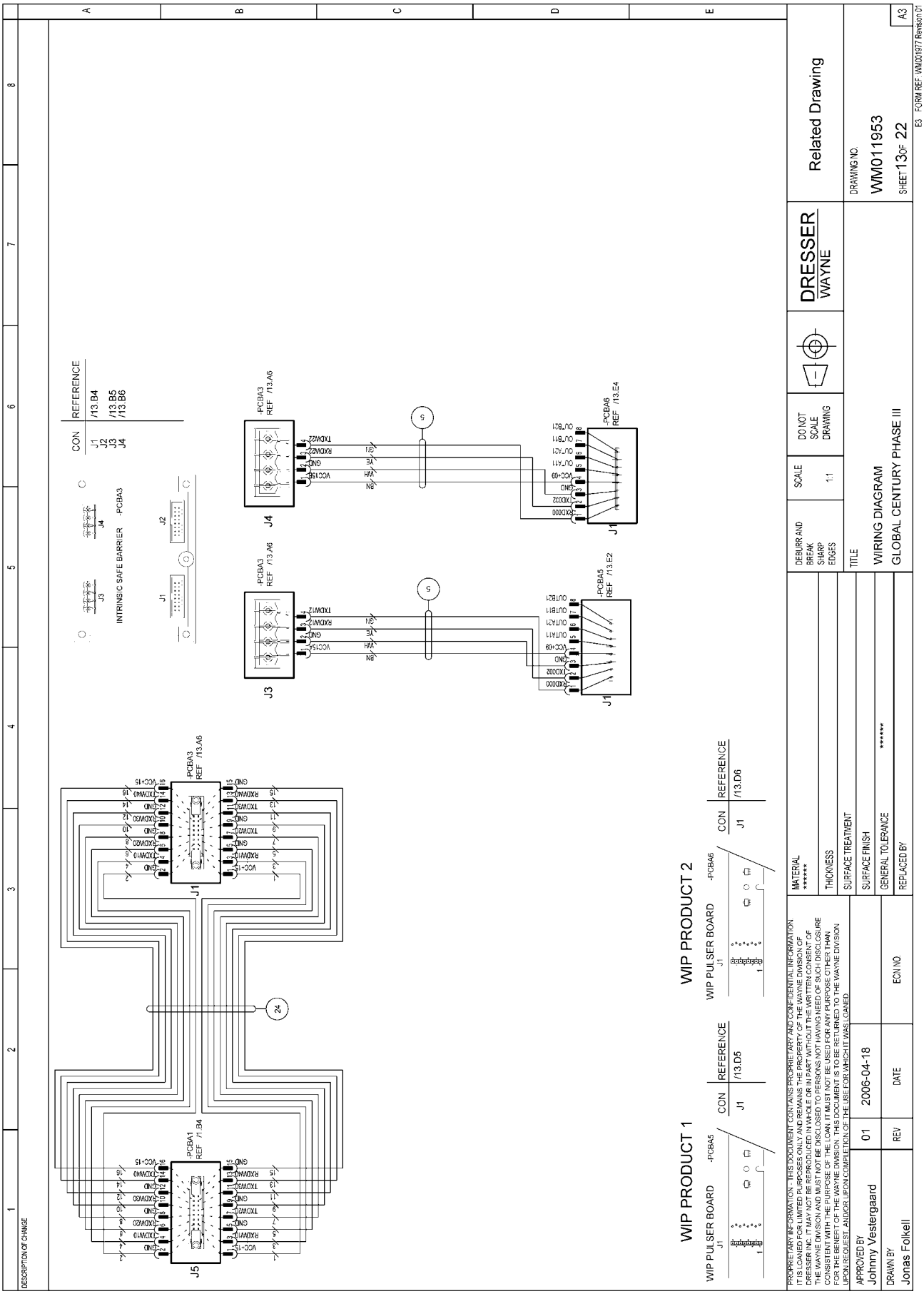
DESCRIPTION OF CHANGE
INTRINSIC SAFE BARRIER -PCBA3
CON REFERENCE
J1 /13.B4
J2
J3 /13.B5
J4 /13.B6
WIP PRODUCT 1
WIP PULSER BOARD -PCBA5
CON REFERENCE
J1 /13.D5
WIP PRODUCT 2
WIP PULSER BOARD -PCBA6
CON REFERENCE
J1 /13.D6
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DRAWN BY Jonas Folkell
REV 01
DATE 2006-04-18
ECN NO.
MATERIAL ******
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE ******
REPLACED BY
DEBURR AND BREAK SHARP EDGES
SCALE 1:1
DO NOT SCALE DRAWING
DRESSER WAYNE
TITLE
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
Related Drawing
DRAWING NO. WM011953
SHEET 13 OF 22
A3
E3 FORM REF WM001977 Revision 01

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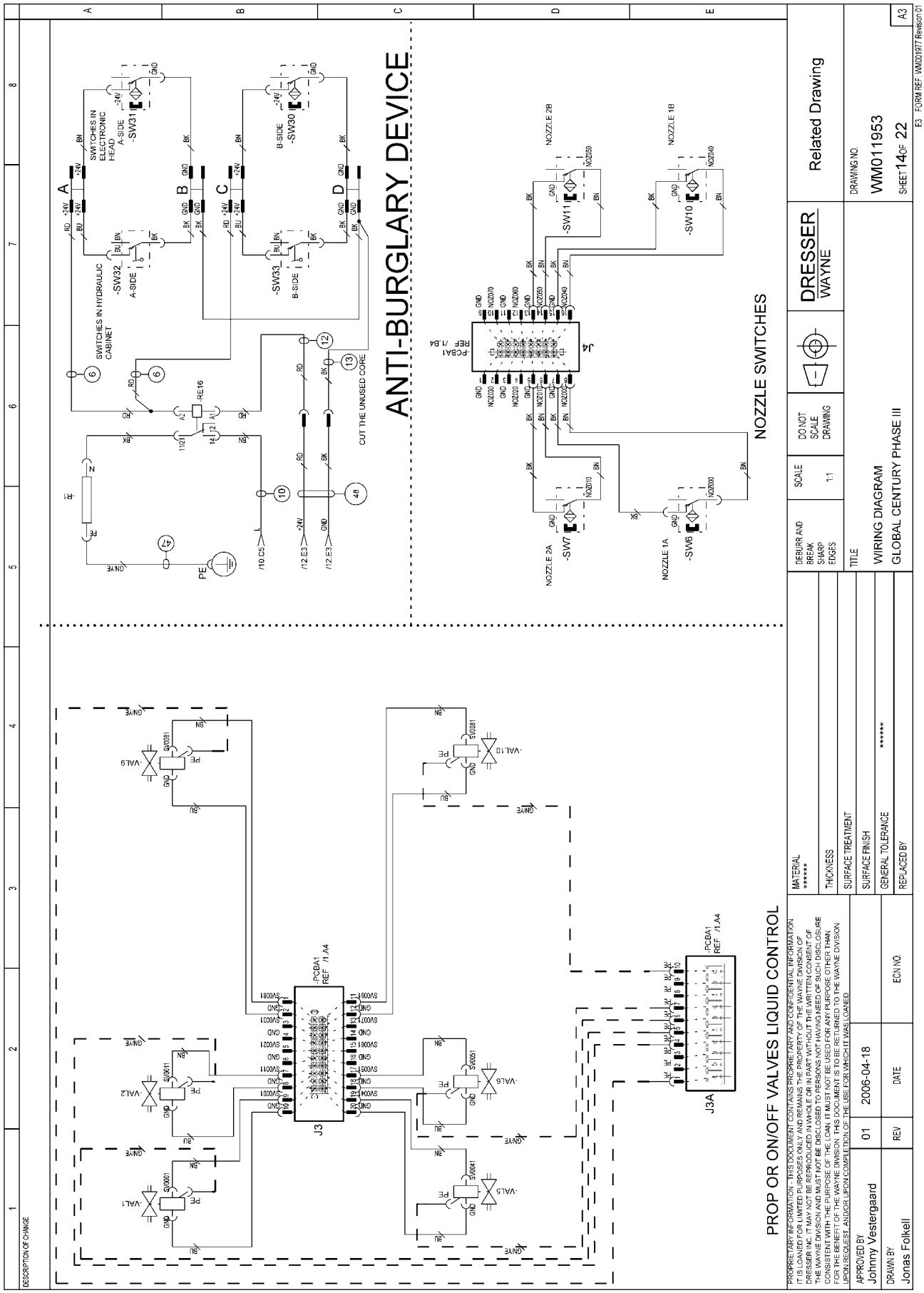
ANTI-BURGLARY DEVICE
SWITCHES IN HYDRAULIC CABINET
SWITCHES IN ELECTRONIC HEAD
A-SIDE -SW31
A-SIDE -SW32
B-SIDE -SW30
B-SIDE -SW33
RE16
CUT THE UNUSED CORE
NOZZLE SWITCHES
NOZZLE 2B -SW11
NOZZLE 1B -SW10
NOZZLE 2A -SW7
NOZZLE 1A -SW6
PROP OR ON/OFF VALVES LIQUID CONTROL
PCBA1 REF. /1,A4
J3
J3A
-VAL1
-VAL2
-VAL9
-VAL10
-VAL5
-VAL6
DRESSER WAYNE
Related Drawing
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
WM011953
SHEET 14 OF 22
APPROVED BY Johnny Vestergaard
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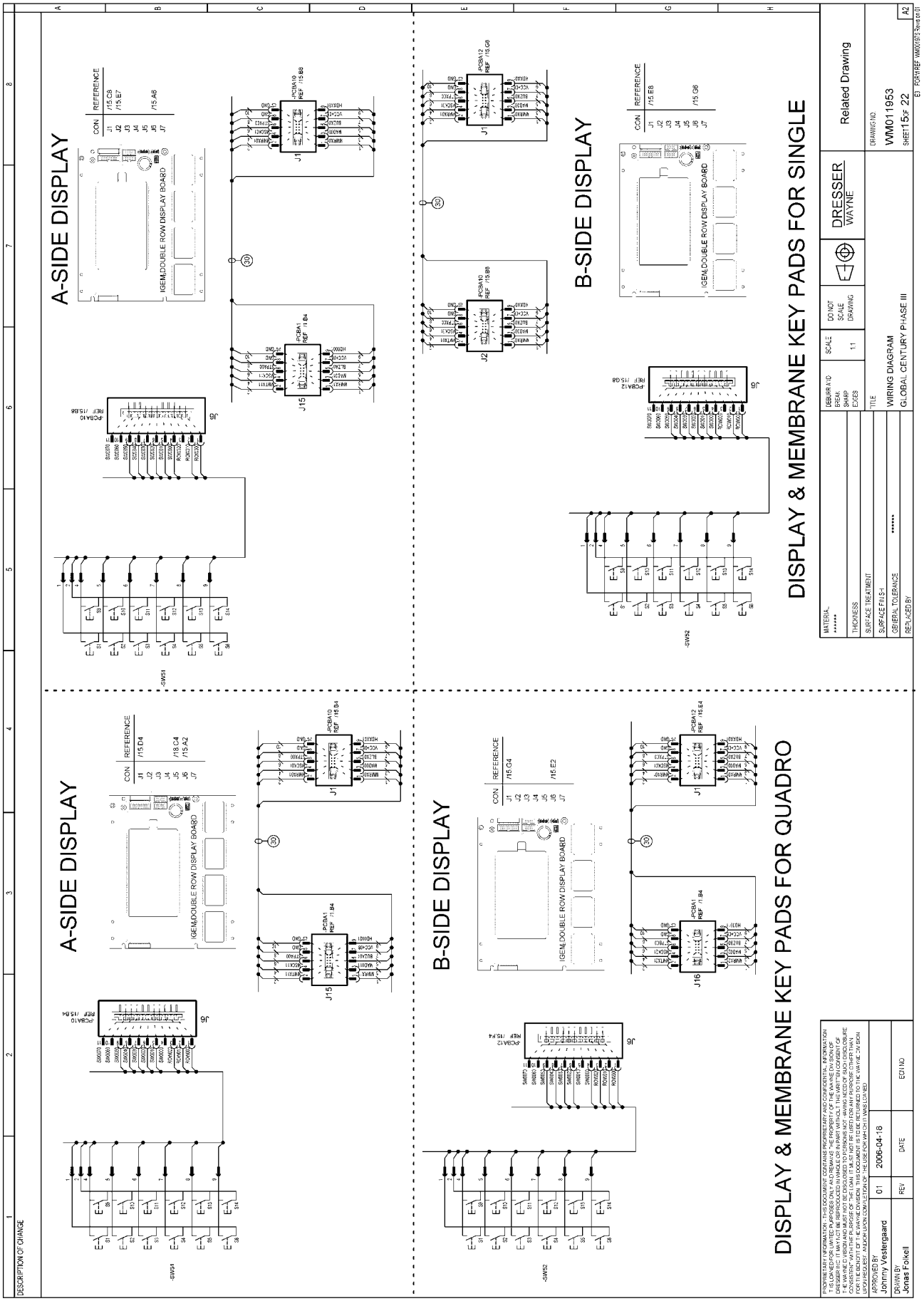
A-SIDE DISPLAY
B-SIDE DISPLAY
DISPLAY & MEMBRANE KEY PADS FOR SINGLE
A-SIDE DISPLAY
B-SIDE DISPLAY
DISPLAY & MEMBRANE KEY PADS FOR QUADRO
IGEM,DOUBLE ROW DISPLAY BOARD
DRESSER WAYNE
Related Drawing
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
VM011953
Johnny Vestergaard
Jonas Folkell
2006-04-18

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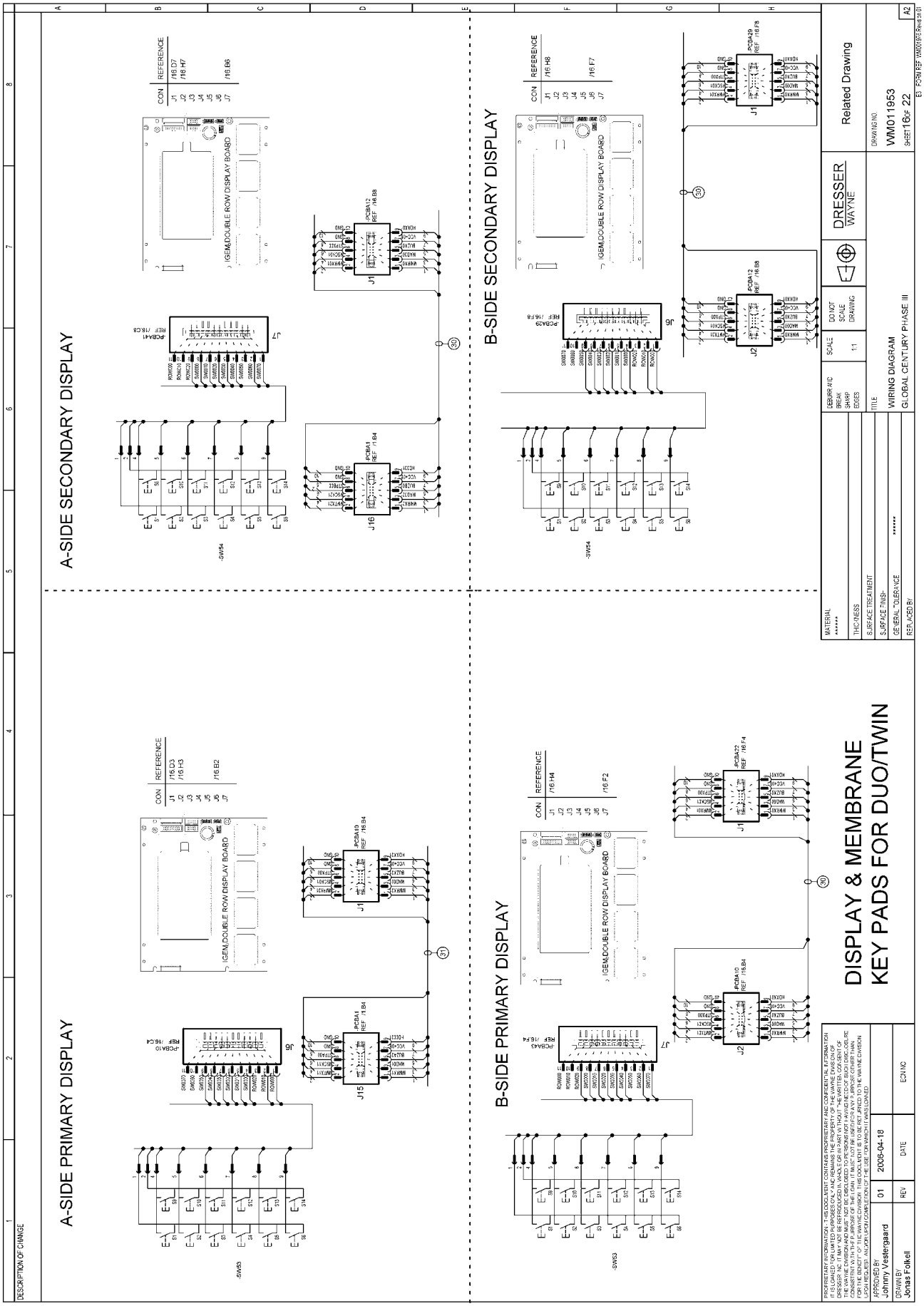
A-SIDE SECONDARY DISPLAY
B-SIDE SECONDARY DISPLAY
A-SIDE PRIMARY DISPLAY
B-SIDE PRIMARY DISPLAY
DISPLAY & MEMBRANE
KEY PADS FOR DUO/TWIN
IGEM,DOUBLE ROW DISPLAY BOARD
CON REFERENCE
J1 /16 D7
J2 /16 H7
J7 /16 B6
J1 /16 H8
J7 /16 F7
J1 /16 D3
J2 /16 H3
J7 /16 B2
J1 /16 H4
J7 /16 F2
DRESSER WAYNE
Related Drawing
DRAWING NO
WM011953
SHEET 16 OF 22
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRAWN BY
Jonas Folkell
APPROVED BY
Johnny Vestergaard
2005-04-18

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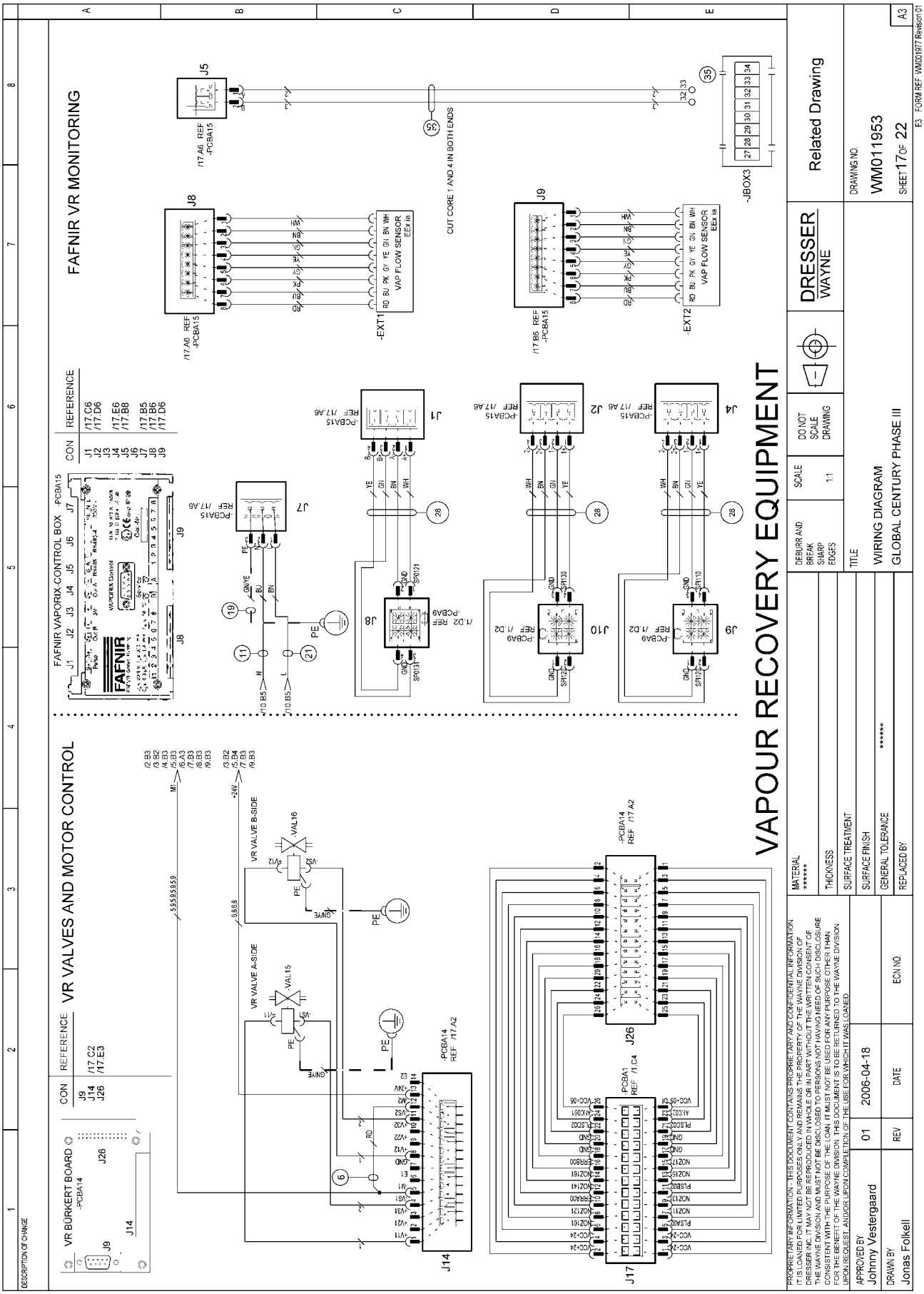
FAFNIR VR MONITORING
VAPOUR RECOVERY EQUIPMENT
VR VALVES AND MOTOR CONTROL
FAFNIR VAPORIX CONTROL BOX -PCBA15
VR BURKERT BOARD -PCBA14
VR VALVE A-SIDE
VR VALVE B-SIDE
-VAL15
-VAL16
CUT CORE 1 AND 4 IN BOTH ENDS
-EXT1
-EXT2
-JBOX3
VAP FLOW SENSOR EEx ia
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRESSER WAYNE
Related Drawing
DRAWING NO.
WM011953
SHEET 17 OF 22
A3
E3 FORM REF WM001977 Revision 01
APPROVED BY
Johnny Vestergaard
01
2006-04-18
DRAWN BY
Jonas Folkell
REV
DATE
ECN NO.
REPLACED BY
MATERIAL
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
SCALE
1:1
DO NOT SCALE DRAWING
DERURR AND BREAK SHARP EDGES
TITLE

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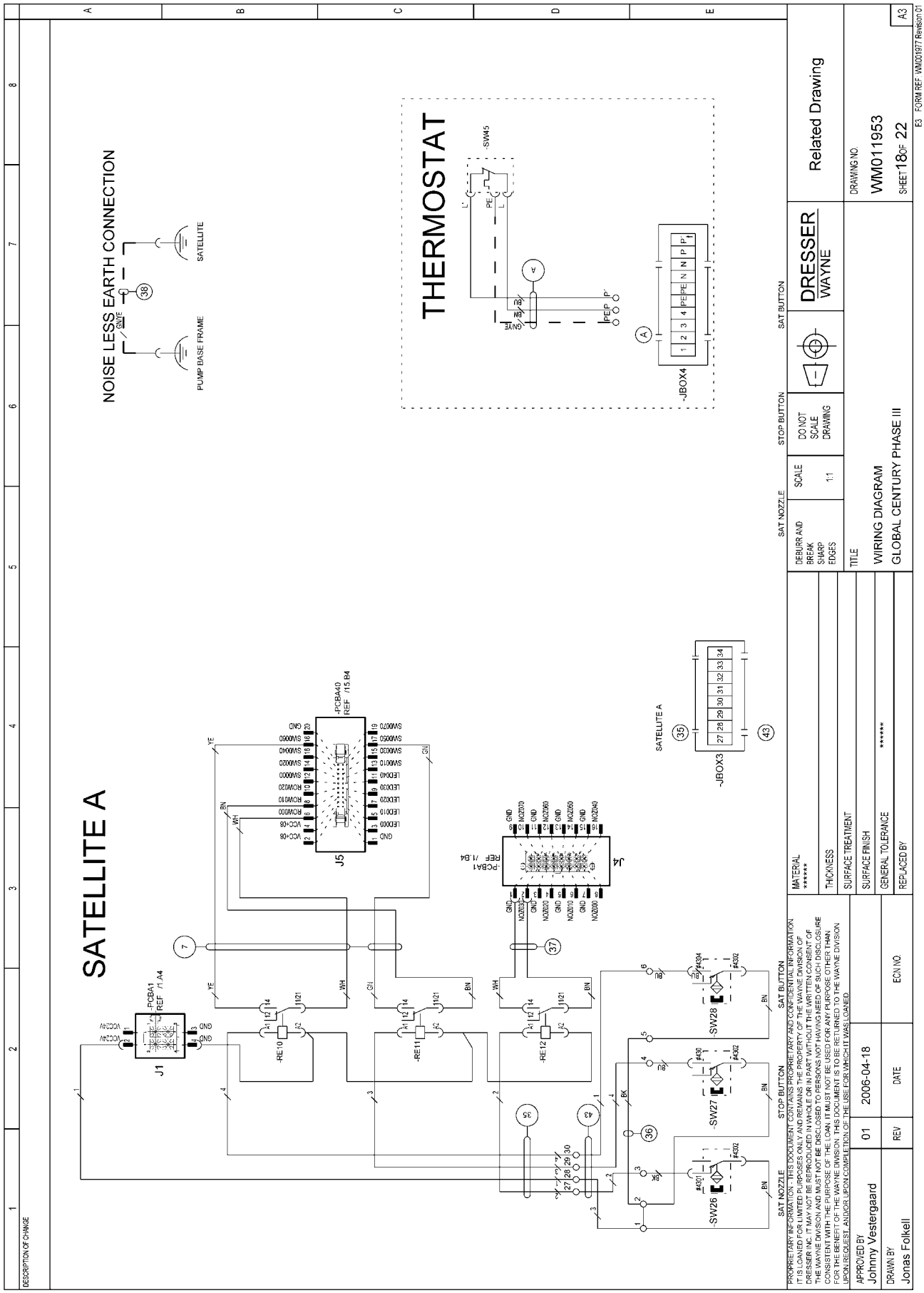
SATELLITE A
NOISE LESS EARTH CONNECTION
PUMP BASE FRAME
SATELLITE
THERMOSTAT
-SW45
-JBOX4
-JBOX3
SATELLITE A
-PCBA1
-PCBA40
-PCBA41
J1
J5
J4
-RE10
-RE11
-RE12
-SW26
-SW27
-SW28
SAT NOZZLE
STOP BUTTON
SAT BUTTON
DRESSER
WAYNE
Related Drawing
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
WM011953
SHEET 18 OF 22
A3
APPROVED BY
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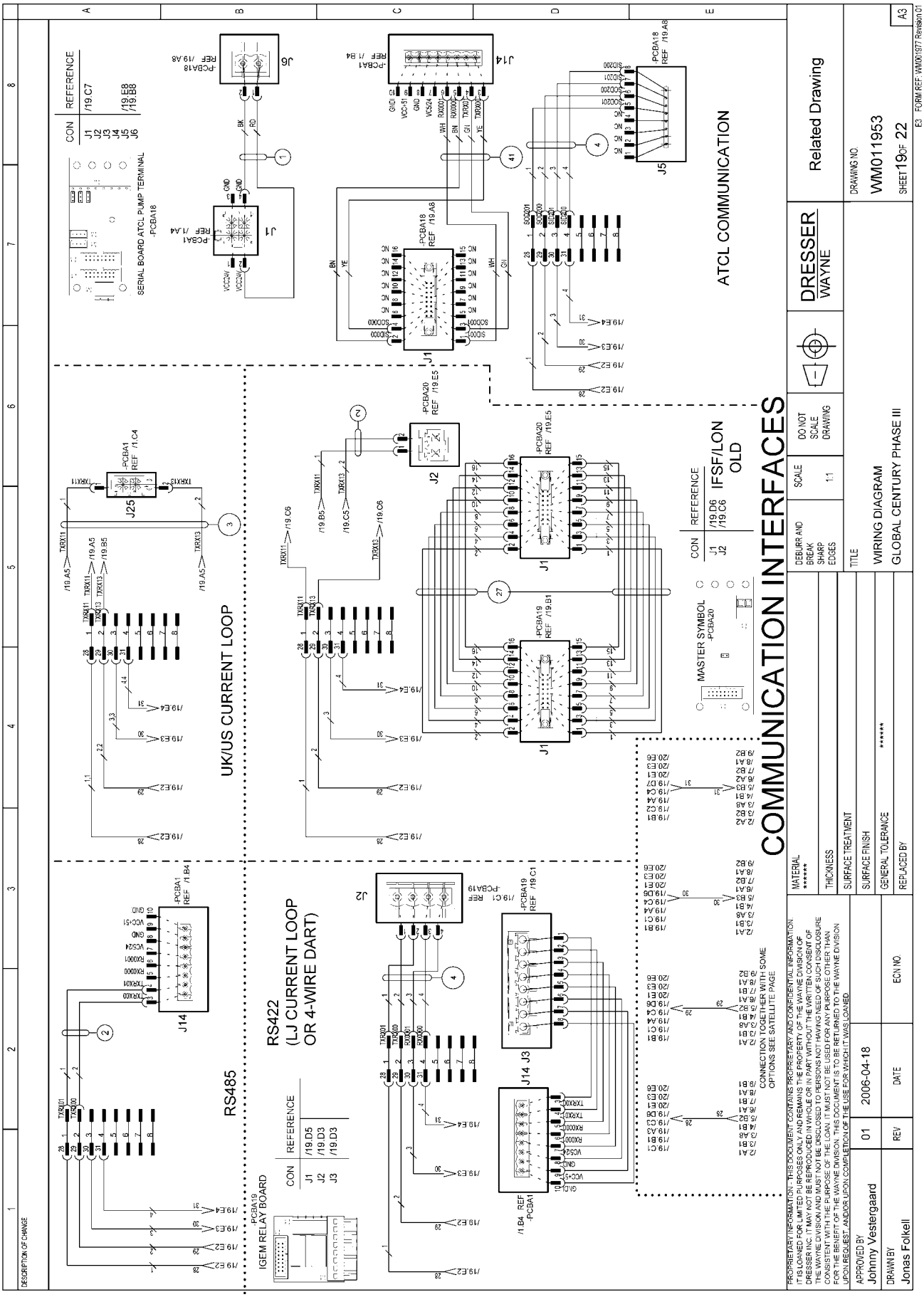
COMMUNICATION INTERFACES
ATCL COMMUNICATION
SERIAL BOARD ATCL PUMP TERMINAL -PCBA18
UK/US CURRENT LOOP
RS422 (LJ CURRENT LOOP OR 4-WIRE DART)
RS485
IGEM RELAY BOARD -PCBA19
IFSF/LON OLD
MASTER SYMBOL -PCBA20
CONNECTION TOGETHER WITH SOME OPTIONS SEE SATELLITE PAGE
Related Drawing
DRESSER WAYNE
DRAWING NO. WM011953
SHEET 19 OF 22
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DO NOT SCALE DRAWING
SCALE 1:1
DEBURR AND BREAK SHARP EDGES
MATERIAL ******
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE ******
REPLACED BY
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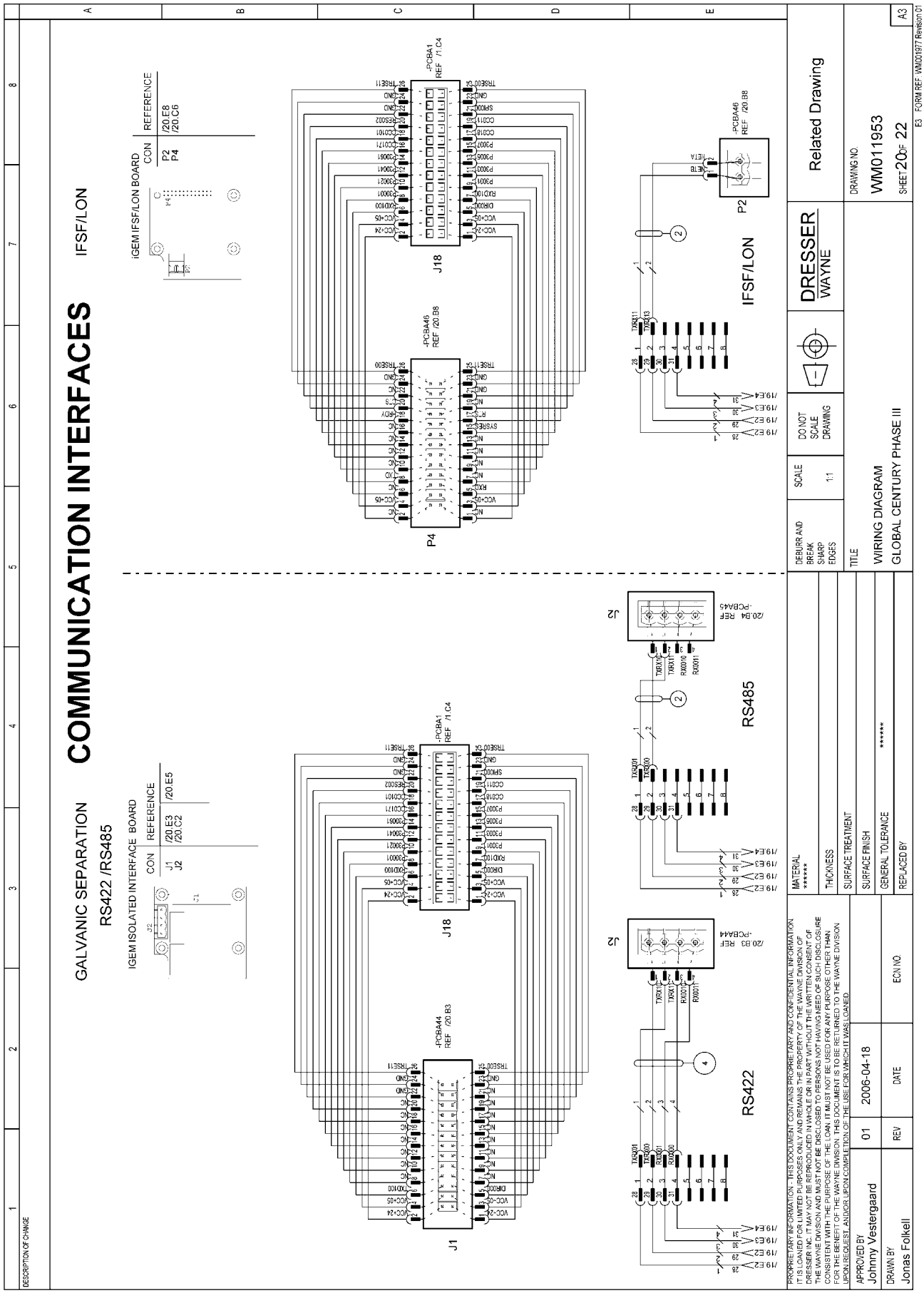
COMMUNICATION INTERFACES
IFSF/LON
GALVANIC SEPARATION
RS422 /RS485
IGEM IFSF/LON BOARD
CON
REFERENCE
P2
P4
/20.E8
/20.C6
IGEM ISOLATED INTERFACE BOARD
J1
J2
/20.E3
/20.C2
/20.E5
P4
P2
J1
J18
J2
-PCBA1
REF /1.C4
-PCBA46
REF /20.B8
-PCBA44
REF /20.B3
-PCBA45
REF /20.B4
RS422
RS485
IFSF/LON
DRESSER
WAYNE
Related Drawing
DRAWING NO.
WM011953
SHEET 20 OF 22
A3
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DEBURR AND BREAK SHARP EDGES
SCALE
1:1
DO NOT SCALE DRAWING
TITLE
MATERIAL
*****
THICKNESS
SURFACE TREATMENT
SURFACE FINISH
GENERAL TOLERANCE
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Johnny Vestergaard
01
2006-04-18
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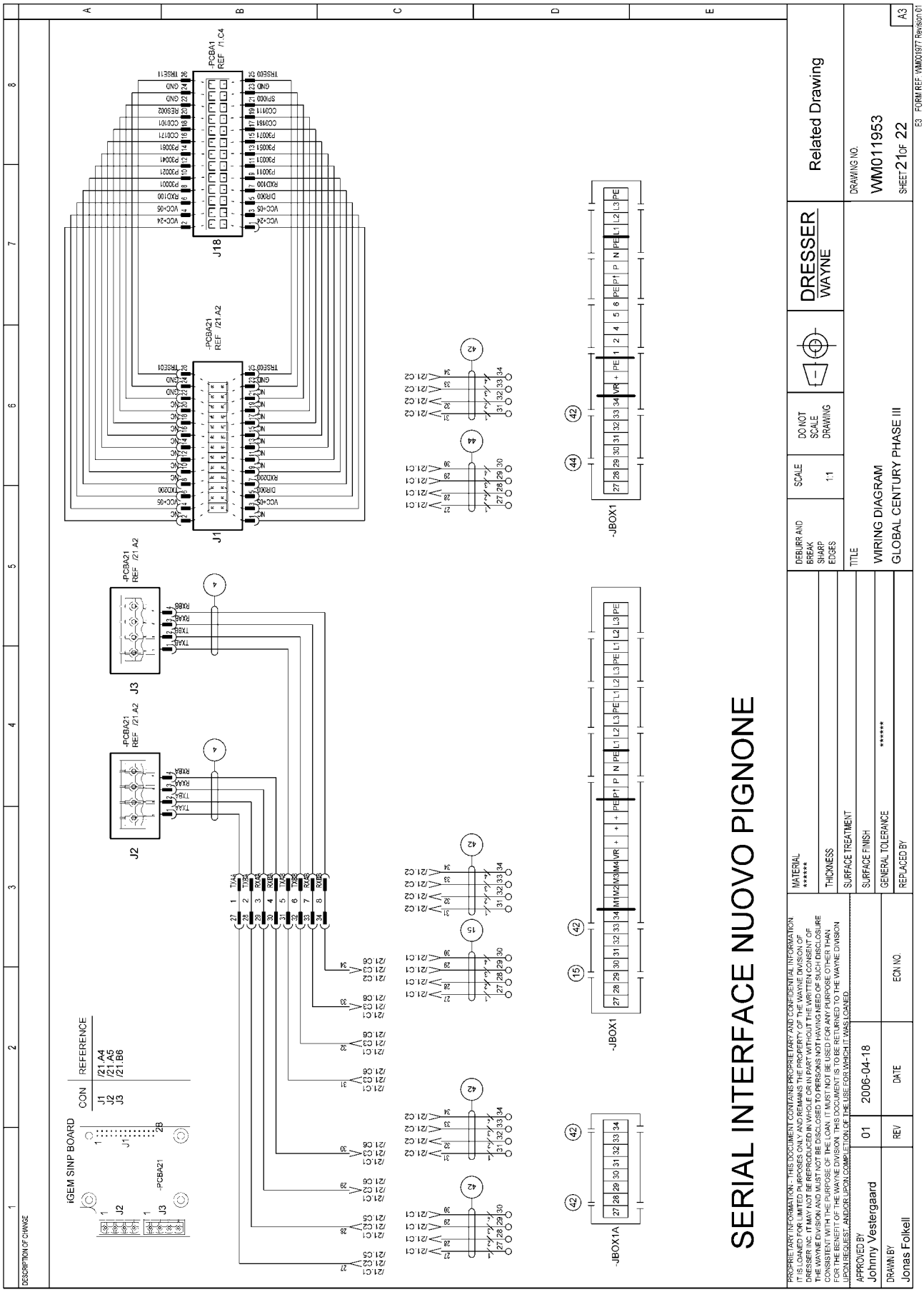
SERIAL INTERFACE NUOVO PIGNONE
iGEM SINP BOARD
-PCBA21
-PCBA1
-JBOX1
-JBOX1A
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
DRESSER WAYNE
Related Drawing
WM011953
SHEET 21 OF 22
Johnny Vestergaard
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2006-04-18

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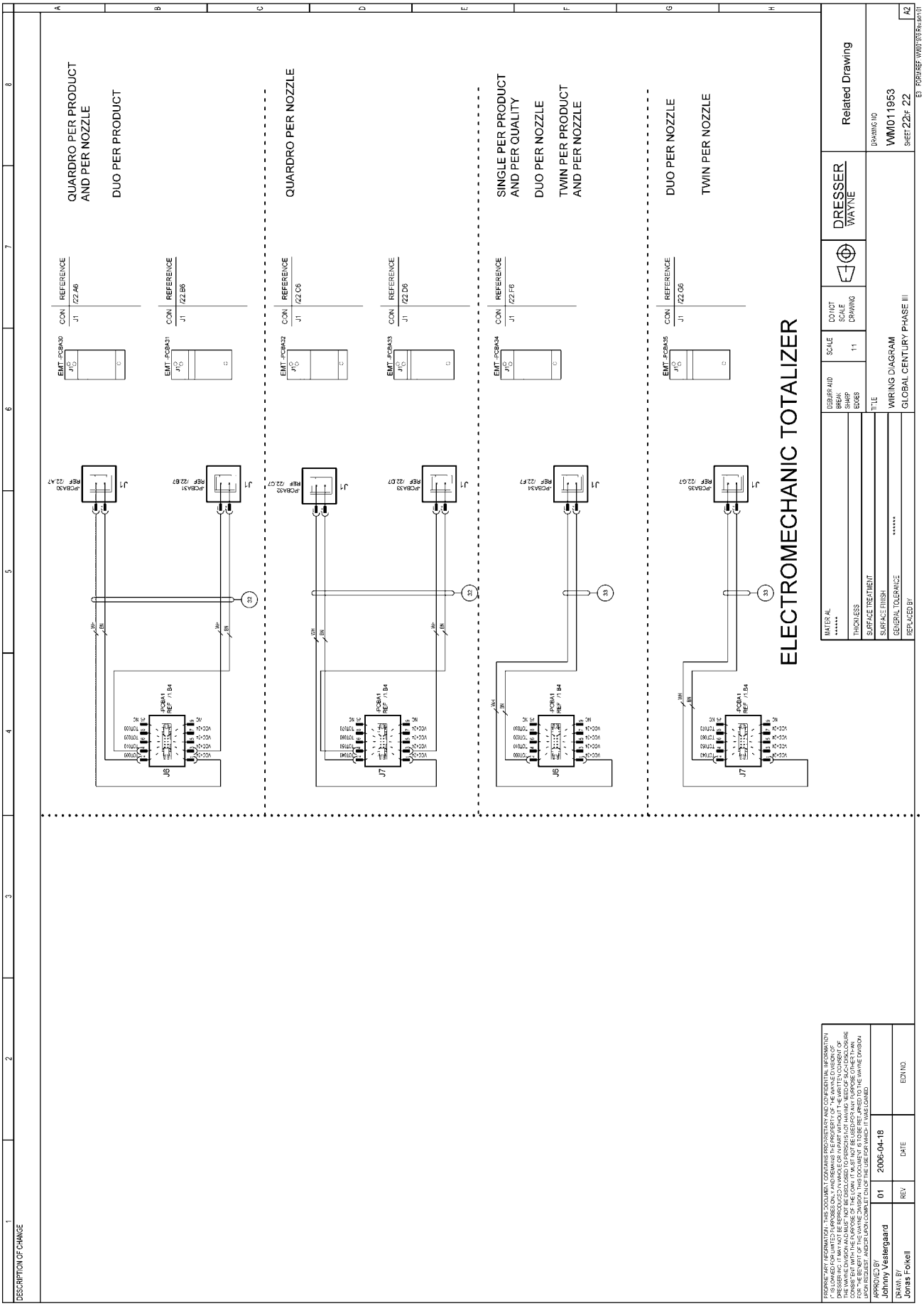
ELECTROMECHANIC TOTALIZER
QUARDRO PER PRODUCT AND PER NOZZLE
DUO PER PRODUCT
QUARDRO PER NOZZLE
SINGLE PER PRODUCT AND PER QUALITY
DUO PER NOZZLE
TWIN PER PRODUCT AND PER NOZZLE
DUO PER NOZZLE
TWIN PER NOZZLE
EMT_PCBA30
EMT_PCBA31
EMT_PCBA32
EMT_PCBA33
EMT_PCBA34
EMT_PCBA35
CON J1
REFERENCE /22.A6
REFERENCE /22.B6
REFERENCE /22.C6
REFERENCE /22.D6
REFERENCE /22.F6
REFERENCE /22.G6
PCBA1 REF /1 B4
J6
J7
J1
J3
J2
DRESSER WAYNE
Related Drawing
WIRING DIAGRAM
GLOBAL CENTURY PHASE III
WM011953
Sheet 22 of 22
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14 Notes

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15 Market & Service

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More than a century of experience
Über 100 Jahre Erfahrung
Mer än 100 års erfarenhet
Более, чем столетний опыт работы

Wayne Dresser develops, manufactures and markets complete operative systems for fuel handling at service stations. Everything from development and design to efficient production and assembly of components is pursued under one roof.

Wayne Dresser entwickelt, produziert und vermarktet komplette funktionierende Systeme für die Abgabe von Kraftstoffen an Tankstellen.. Von der Entwicklung über das Design bis zur Herstellung und Installation liefern wir alles aus einer Hand.

Wayne Dresser utvecklar, tillverkar och marknadsför kompletta operativa system för drivmedelshantering på servicestationer. Under ett och samma tak ryms allt från utveckling och konstruktion till rationell tillverkning och sammansättning av komponenter.

Wayne Dresser разрабатывает, производит и продает совершенные оперативные системы для торговли топлива на станциях обслуживания. Все начиная от разработок и конструкции до эффективного производства и сборки компонентов происходит в пределах одного предприятия.

The operations of Wayne Dresser comprise four interacting parts:

- Equipment such as petrol pumps, payment terminals, point-of-sale terminals and service station operative systems.
- Software for recording and for internal communication at the station, as well as between the station and the oil company, banks and credit institutes.
- Project design with overall responsibility to the customer.
- Field service, technical support and supply of spare parts.

Die Niederlassungen von Wayne Dresser umfassen vier ineinander greifende Bereiche:

- Ausrüstungen wie Zapfsäulen, Zahlterminals, Kassenterminals und Tankstellensysteme
- Software für Registrierung und Kommunikation auf der Tankstelle u. zwischen Station und Mineralölfirma sowie Banken und Kreditinstituten.
- Projektgestaltung mit umfassender Verantwortlichkeit dem Kunden gegenüber.
- Service, technische Unterstützung und Lieferung von Ersatzteilen.

Verksamheten omfattar fyra samverkande delar:

- Utrustning som bensinpumpar, betalterminaler, butiksterminaler och stationsdatorer.
- Programvara för registrering och kommunikation internt på stationen samt mellan stationen och oljebolaget, banker och kreditinstitut.
- Projektering med totalansvar gentemot uppdragsgivaren.
- Service på fältet, teknisk support och reservdelsförsörjning.

Действия Wayne Dresser включают четыре взаимосвязанных направления:

- Оборудование, например, топливораздаточные колонки, платежные терминалы, терминалы точек продажи и системы управления АЗС.
- Программное обеспечение для регистрации и для внутренней связи на АЗС, а также между АЗС и нефтяной компанией, банками и институциями кредитов.
- Проектирование с полной ответственностью к клиенту.
- Обслуживание на местах, техническая поддержка и поставка запасных частей.

Wayne Dresser makes it easier for the motorist to fill up and make his motoring purchases, while effectively meeting the needs of the service station owner for operating supervision and for conforming to the demands of the authorities on measuring accuracy, minimising pollution and ensuring safety.

Wayne Dresser erleichtert dem Fahrer die Betankung und damit verbundene Einkäufe, unterstützt gleichzeitig den Stationär bei der übersichtlichen Führung seines Betriebes unter Berücksichtigung der behördlichen Vorschriften hinsichtlich Messgenauigkeit, Umwelt- und Sicherheitsauflagen.

Wayne Dresser gör det lättare för bilisten att tanka och handla. Samtidigt tillgodoses stationsägarens krav på en effektiv driftskontroll och myndighetskraven på mätnoggrannhet, miljövänlighet och driftssäkerhet.

Wayne Dresser упрощает процесс заправки и приобретения покупок при эффективном согласовании потребностей владельца АЗС для оперативного управления и для соблюдения требований государственных и метрологических служб, а также уменьшения загрязнения окружающей среды и обеспечения безопасности.

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